



U.S. Department
of Transportation

**National Highway
Traffic Safety
Administration**

400 Seventh Street, S.W.
Washington, D.C. 20590

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If you requested NHTSA to query its database files in order to identify a specific crash, then that query was made using non-personal descriptors you provided for use in our search. This motor vehicle crash may have been identified from a data search and matches the general, non-personal descriptors you provided, but we cannot confirm that this is the specific crash report you requested.

If you have any questions with regard to the above procedures, please contact the Field Operations Branch, Crash Investigation Division, National Center for Statistics and Analysis at 202-366-4820. Again, please be advised that we cannot confirm that this is the case that you have specifically requested nor can we certify the information to be correct.

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AUTO SAFETY HOTLINE
(800) 424-9393
Wash. D.C. Area 366-0123

Case Vehicle (A): 1999 Chevrolet
Type: Venture 4 x 2, 4-door APV
Driver: 18-year-old male
CDC: 12-FREE-5, 09-LZAW-4

SITUATION

(Slide 1) It was nighttime, there were no streetlights, and (slide 2) the 2-lane asphalt road surface was dry and free of defects. Case vehicle (A) was traveling west at a driver-estimated speed of 89 kph (55 mph) in the westbound lane. Vehicle (X) was traveling east at an unknown speed in the eastbound lane. (Slide 3) When vehicle (X) crossed the centerline and came into the westbound lane, the driver of case vehicle (A) veered to the right to avoid a collision. (Slide 4) Case vehicle (A) exited the north edge of the road surface, traveled 79.5 meters, (slide 5) went over a driveway culvert and (slides 6, 7, 8 and 9) lawn, and struck (slides 10, 11 and 12) a tree and tree root with its right front. (Slide 13) Case vehicle (A) rotated clockwise and struck another tree with its left side. The driver of case vehicle (A) sustained minor injuries and was checked out by emergency personnel at the scene. The right-front passenger was flown via helicopter to a regional level-1 trauma center and was hospitalized for five days.

GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

(Slide 14) Damage to case vehicle (A) was severe. The right front of the vehicle was severely crushed rearward from the first tree impact. (Slide 15) Direct damage from the frontal impact began at the right bumper corner and extended 28 cm to the left, resulting in 22-percent vehicle overlap. (Slide 16) The maximum crush was 59 cm to the right-front bumper corner. (Slide 17) Damage to the left side of case vehicle (A) was moderate. Direct damage began 73-cm forward of the left-rear bumper corner and extended 116-cm forward along the quarter panel. (Slide 18) The maximum crush from this side impact was 45 cm to the left roof siderail.

Using the WinSMASH accident-reconstruction program and (slides 19, 20, 21 and 22) a crush profile measured at the front of case vehicle (A), the following impact severity was calculated for the first tree impact:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	38 (24)	-37 (-23)	-7 (-4)

Using the WinSMASH accident-reconstruction program and (slides 23, 24 and 25) a crush profile measured on the left side of case vehicle (A), the following impact severity was calculated for the second tree impact:

Vehicle	Variable	Calculated Velocity Change - kph (mph)		
		Total	Longitudinal	Latitudinal
Case Vehicle (A)	delta V	21 (13)	0 (0)	21 (13)

DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

Exterior

In the front, (slide 26) the right portion of the bumper and the hood, and the right headlight assembly were crushed. (Slide 27) The grille and the left headlight assembly were damaged, and the right-front components were drawn rearward. The hood latch was damaged and jammed closed, but had been pried open by rescue or tow-yard personnel in order to disconnect the battery. (Slide 28) The left hood hinge was deformed, (slide 29) the right hood hinge was damaged, but not separated, (slide 30) the rear edge of the hood was elevated, and it contacted, but did not penetrate the damaged windshield. There was a small amount of bond separation of the windshield along the right A-pillar.

(Slides 31 and 32) On the right side, the upper B-pillar was cut in two places, (slides 33 and 34) the front door was deformed, and (slide 35) the right-rear door was removed by rescue personnel in order to extricate the right-front passenger. In addition, (slide 36) the right-front fender, the right upper and lower A- and B-pillars, the right-roof siderail, and the right-front and the right-rear doors were damaged. (Slide 37) The right-front wheel was torn off. The toepan/footwell seam was torn open from contact with the tree root. The front and rear doors were jammed closed. (Slide 38) The quarter panel was slightly deformed and the right-side wheelbase was reduced 24 cm.

On the left side, (slide 39) the front wheel, (slide 40) the front fender, the upper and lower A-, B- and (slide 41) C-pillars, the upper D-pillar, and (slide 42) both doors were damaged. Both left-side doors were jammed closed, and the glass from the left-rear door and the rearmost window were broken out. The left wheelbase was increased 6 cm.

There was no damage to the rear of the vehicle.

Interior

This vehicle was equipped with (slide 43) steering-wheel and (slides 44 and 45) passenger frontal-impact airbags, and both deployed during the frontal impact. (Slides 46, 47, 48 and 49) There was no damage to the module flaps/covers of either the steering-wheel or (slides 50 and 51) the passenger airbag modules. (Slide 52) The passenger airbag module cover contacted the windshield and there were some small holes in the passenger airbag fabric from the broken windshield glass. This vehicle was equipped with driver and (slide 53) passenger side-impact airbags which were located in the outboard side of the seatback, but none of these airbags deployed. (Slide 54) There was no damage to the steering-wheel rim or (slide 55) spokes. There was no apparent vertical displacement of the steering column, but the steering column was deflected to the left. Also in the front, (slide 56) the upper, mid, and lower instrument panels, control knobs, (slide 57), windshield top molding, (slide 58) rearview mirror, upper vent outlets, heater/ac ducts, control knobs, (slide 59) radio, and (slide 60) glove compartment were damaged. The glove-box door was removed post-crash in order to access the event data recorder.

On the right side, (slide 61) the A-pillar, the headliner, the roof siderail, the B-pillar, the C-pillar, (slide 62) and the front door interior, armrest, hardware, and window glass were damaged. The right-front seat was rotated rearward and to the right, (slide 63) the seat cushion was damaged and (slide 64) the seat-track adjusters were jammed.

On the left side, the headliner, the roof structure, the roof siderail, the left C-pillar, and the rear door interior, armrest, and glass were damaged. The following intrusions were noted and measured:

Location	Component	Distance (cm)	Direction
Driver (slide 65)	knee bolster	27	to rear
Center front (slide 66)	instrument panel	44	to rear
Right front (slide 67)	A-pillar	77	to rear
(slide 68)	instrument panel	71	to rear
(slide 69)	instrument panel	33	to left
	A-pillar	19	to left
	windshield	19	to rear
(slide 70)	roof	3	down
Left second seat (slide 71)	left rear door	27	to right
Left third seat (slide 72)	roof siderail	30	to right
	C-pillar	30	to right

OCCUPANT KINEMATICS AND INJURIES

(Slide 73) The 5-ft, 11-in, 160-lb, 18-year-old male driver was wearing the three-point belt, (slide 74) the pretensioner fired, and the frontal-impact airbag deployed during the frontal impact. (Slide 75) There were witness marks on the plastic D-ring and (slide 76) continuous loop, and (slide 77) plastic transferred onto the belt webbing, indicating belt use during the crash sequence. The driver reportedly had his seat in a rearward track position, with the seatback slightly reclined. He reportedly had his left hand at the twelve o'clock position on the steering-wheel rim and his right arm on the seat armrest. During the first impact, the driver moved forward and slightly to the right relative to the vehicle interior. He sustained contusions to his left and right knees due to contact with the plastic knee bolster cover, (slides 78 and 79) as evidenced by scuff marks.

During the second impact, the driver moved to his left relative to the vehicle interior, the outboard seatback-mounted side-impact airbag did not deploy. The driver reported no other injuries and did not seek medical attention.

(Slide 80) The 5-ft, 5-in, 164-lb, 17-year-old female right-front passenger, was not using the three-point belt, (slide 81) but the pretensioner fired and (slide 82) the frontal-impact airbag deployed. (Slide 83) The belt was cut by rescue personnel, (slide 84) the plastic D-ring had wear marks on the outer edges, but there were no webbing imprints across the span of the D-ring. She reportedly had her seat fully reclined and was sleeping at the time of the crash with her right leg crossed so that her right foot was under her left knee. Her torso was reportedly turned so that

she was laying more on her right side than on her back. Due to this pre-impact seating posture, and the long off-road travel prior to impact, the actual posture of the right-front occupant at the time of the crash is not known.

During the first impact, the right-front passenger moved forward in a reclined posture and into the glove box and airbag. As the vehicle rotated clockwise around the tree, she probably made significant contact with the right-front door interior.

She sustained abrasions to her right flank and back, possibly due to contact with the seatback or seat cushion. She sustained a contusion to her right eyelid, and an abrasion to her left cheek, possibly due to contact by the deploying airbag. She sustained a right lung contusion, possibly due to contact with the right-front door interior. She sustained thoracic spine fractures to the spinous processes of T7, T8 and T9, and a lumbar spine fracture to the right transverse process of L2, probably due to torso twisting and flexion. She sustained a contusion to her left elbow, probably due to contact with the glove box. She sustained a minor compression fracture to her lumbar spine at L5, a severely comminuted fracture to the mid-shaft of her right femur, and a fracture to the anterior-medial aspect of her right acetabulum, probably due to a combination of knee contact with the knee bolster/glove box and hip contact with the door interior. She sustained abrasions and lacerations to her right and left legs, possibly due to contact with the instrument panel /glove box. She sustained a fracture to the rim of the right distal tibia, possibly due to contact with her left leg. She sustained abrasions to her right thigh and right knee, possibly due to contact with the seat cushion. She sustained an abrasion to her right anterior forearm, abrasions to the dorsal aspect of her left and right hands due to unknown sources.

The following tables and attached drawings (slides 85 and 86) summarize the injuries sustained by the two occupants of case vehicle (A).

Occupant: Driver
 Restraints: 3-point belt worn, pretensioner fired;
 frontal-impact airbag deployed,
 side-impact airbag did not deploy

Age: 18 years
 Stature: 180 cm (5 ft, 11 in)

Gender: Male
 Mass: 73 kg (160 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, right knee	1	Knee bolster		
Contusion, left knee	1	Knee bolster		
<u>Maximum A.I.S. Level</u>	<u>1</u>			
<u>Injury Severity Score</u>	<u>1</u>			

Occupant: Right front
 Restraints: 3-point belt not worn, pretensioner fired;
 frontal-impact airbag deployed,
 side-impact airbag did not deploy

Age: 17 years
 Stature: 165 cm (5 ft, 5 in)

Gender: Female
 Mass: 74 kg (164 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Contusion, right eyelid	1			Airbag
Abrasion, left cheek	1			Airbag
Right pulmonary contusion	3			Door
Fractures, spinous processes of T7, T8 and T9	2		Impact force (twisting and flexion)	
Fracture, right transverse process of L2	2		Impact force (twisting and flexion)	
Abrasion, right flank and back	1			Seat back, seat cushion
Contusion, left elbow	1		Glove box	
Abrasion, right anterior forearm	1			Unknown
Abrasion, dorsal aspect of right hand	1			Unknown
Abrasion, dorsal aspect of left hand	1			Unknown
Minor compression fracture, L5	2		Knee bolster/ glove box	
Fracture, right anterior-medial acetabulum	2		Knee bolster / glove box and door interior	
Fracture, mid-shaft right femur severely comminuted	3		Knee bolster / glove box	

(Right-front passenger injury table continued on next page)

Occupant: Right front (continued)
 Restraints: 3-point belt not worn, pretensioner fired;
 frontal-impact airbag deployed,
 side-impact airbag did not deploy

Age: 17 years
 Stature: 165 cm (5 ft, 5 in)

Gender: Female
 Mass: 74 kg (164 lb)

Injury Description	A.I.S.	Injury Source		
		Definite	Probable	Possible
Abrasions, and lacerations, right leg	1			Knee bolster / glove box
Fracture, rim of right distal tibia	2			Right-front occupant's left leg
Abrasions, and lacerations, left leg	1			Knee bolster / glove box
Abrasions, right thigh and knee	1			Seat cushion
<u>Maximum A.I.S. Level</u>	<u>3</u>			
<u>Injury Severity Score</u>	<u>22</u>			

Duplicate columns 1-8
from the previous card.

Module G 1 Format 0 2
9 10 11 12

GENERAL INFORMATION GI-1

TIME

DATE OF COLLISION

 / /
m m d d y y y y

HOUR OF COLLISION

(24 HOUR CLOCK)

21 24

LOCATION

STATE:

STATE FIPS CODE

25 26

AREA

- (1) URBAN
(2) RURAL
(9) UNKNOWN

27

ENVIRONMENTAL CONDITIONS

LIMITED-ACCESS HIGHWAY

- (0) NO
(1) YES
(9) UNKNOWN

28

ROAD, TOTAL TRAFFIC LANES
(FOR CASE VEHICLE)

- (1) 1-LANE
(2) 2-LANES
(3) 3-LANES
(4) 4 OR MORE LANES
(5) DIVIDED, 4 OR MORE LANES
(6) PARKING LOT/DRIVEWAY
(7) OTHER:
(9) UNKNOWN

29

INTERSECTING RD, TOTAL LANES

CHOOSE FROM ABOVE LIST, OR

- (8) NOT APPLICABLE

30

TYPE OF ROAD SURFACE

- (1) ASPHALT
(2) CONCRETE
(3) GRAVEL
(4) MORE THAN ONE (CIRCLE EACH)
(7) OTHER:
(9) UNKNOWN

31

ROAD DEFECTS

- (0) NO
(1) YES
(9) UNKNOWN

32

ENVIRONMENTAL CONDITIONS

CONSTRUCTION ZONE

- (0) NO
(1) YES
(9) UNKNOWN

33

ROAD ALIGNMENT
VERTICAL PLANE

- (1) LEVEL
(2) CREST OF HILL
(3) SLOPE (2%)
(4) BOTTOM OF HILL
(9) UNKNOWN

34

ROAD ALIGNMENT
HORIZONTAL PLANE

- (1) STRAIGHT
(2) CURVE
(3) T - SHAPED
(4) Y - SHAPED
(7) OTHER:
(9) UNKNOWN

35

SURFACE COVERING

- (10) DRY

(21) WATER - DAMP
(22) WATER - WET
(23) WATER - PUDDLED
(29) WATER - AMOUNT UNKNOWN

(31) SNOW - LOOSE
(32) SNOW - PACKED
(39) SNOW - CONDITION UNKNOWN

(41) ICE
(51) SLUSH
(61) SPILLED GRAVEL
(71) OTHER:
(99) UNKNOWN

36 37

VISIBILITY LIMITATION
(FOR CASE VEHICLE)

- (0) NONE
(1) CLOUDY/DARK
(2) FOG
(3) SMOKE
(4) WINDSHIELD CONDITION
(5) GLARE
(6) RAIN
(7) OTHER:
(8) ICE/SNOW
(9) UNKNOWN

38

VISIBILITY OBSTRUCTION
(FOR CASE VEHICLE)

- (0) NONE
(1) BUILDING
(2) SIGN
(3) VEGETATION (E.G. BUSHES, SHRUBS)
(4) TREE
(5) HILL OR CURVE IN ROAD
(6) VEHICLE IN TRANSPORT
(7) OTHER:
(8) PARKED VEHICLE
(9) UNKNOWN

39

GENERAL INFORMATION GI-3

CRASH DETAILS

CASE VEHICLE AND OBJECT

- (0) NO
- (1) YES
- (9) UNKNOWN

1
47

CASE VEHICLE ROLLOVER

- (0) NO ROLLOVER
- (1) YES, FIRST EVENT
- (2) YES, SUBSEQUENT EVENT
- (3) YES, SEQUENCE UNKNOWN
- (9) UNKNOWN

0
48

CASE VEHICLE RAN OFF ROADWAY (BEFORE FIRST IMPACT)

- (0) NO
- (1) YES
- (9) UNKNOWN

1
49

MOVING CASE VEHICLE AND CONTACTED MOVING VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0
50

CASE VEHICLE AND CONTACTED STOPPED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0
51

STOPPED CASE VEHICLE AND CONTACTED VEHICLE

- (0) NO
- (1) YES
- (9) UNKNOWN

0
52

TOTAL NUMBER OF VEHICLES CONTACTED BY CASE VEHICLE IN CRASH

- (8) 8 OR MORE
- (9) UNKNOWN

0
53

ANY FIRE IN THIS CRASH (NOT JUST CASE VEHICLE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0
54

HIGHEST POLICE INJURY SEVERITY CODE IN CRASH (NOT JUST CASE VEHICLE)

- (0) O - NO INJURY
- (1) C - POSSIBLE INJURY
- (2) B - NON-INCAPACITATING INJURY
- (3) A - INCAPACITATING INJURY
- (4) K - FATAL
- (5) INJURED, SEVERITY UNKNOWN
- (6) DIED PRIOR TO ACCIDENT
- (7) NON-FATAL INJURY
SEVERITY UNKNOWN
- (9) UNKNOWN

2
55

DRIVER IMPAIRMENT

DRIVER ALCOHOL INVOLVEMENT (CASE VEHICLE)

- (0) NONE
- (1) YES
- (9) UNKNOWN/NOT REPORTED/
NO DRIVER

0
56

DRIVER ALCOHOL BAC (CASE VEHICLE)

- (80) NO TEST
- (90) CHEMICAL TESTS, NO RESULTS
- (95) AUTOPSY, NO RESULTS
- (99) UNKNOWN

0 0
57 58

WAS THERE MENTION OF DRIVER IMPAIRMENT FOR CASE VEHICLE?

- (0) NO
- (1) YES
- (9) UNKNOWN

0
59

LIST IMPAIRMENTS MENTIONED:

POST - CRASH DETAIL

MANNER CASE VEHICLE LEFT SCENE

- (1) DRIVEN
- (2) TOWED DUE TO DAMAGE
- (3) TOWED, NOT DUE TO DAMAGE
- (4) TOWED, REASON UNKNOWN
- (9) UNKNOWN

2
60

ACCIDENT SCHEMATIC

ACCIDENT DESCRIPTION: Case vehicle (A) was traveling west when a unknown vehicle traveling east encroached into the westbound lane. Case vehicle (A) veered to the right exited the road surface, went across a lawn and struck a tree with its front right. Case vehicle (A) rotated clockwise and struck a second tree with its left side.

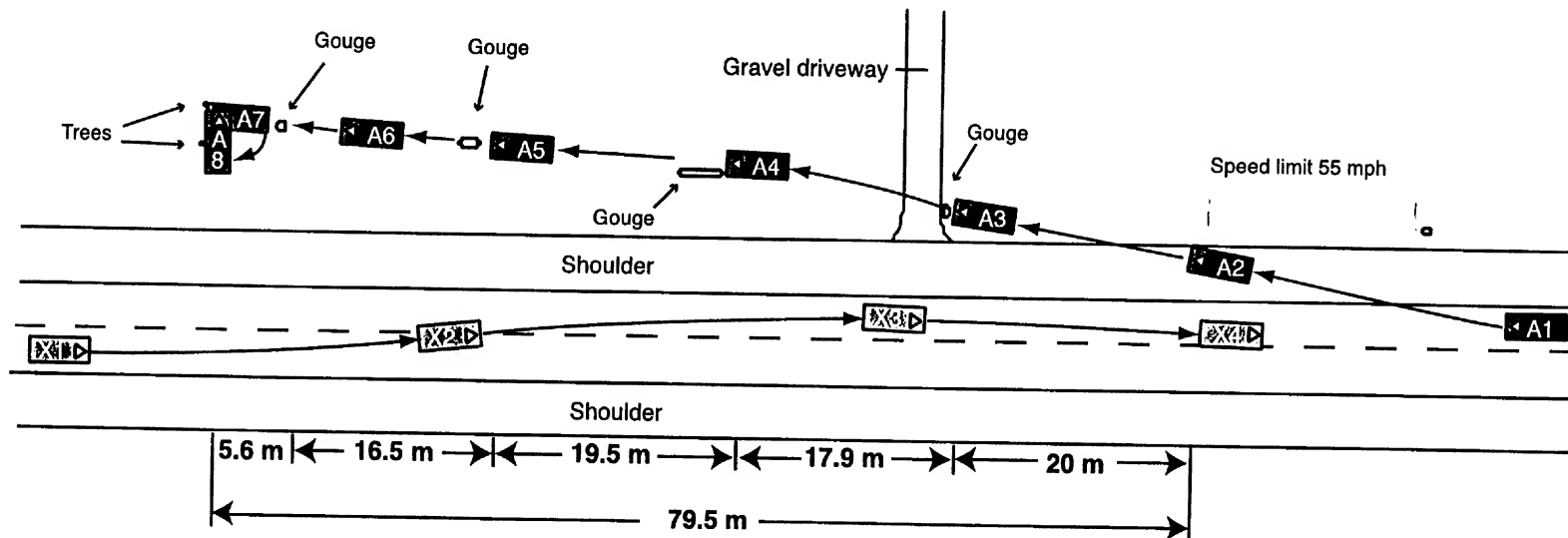
CASE VEHICLE (A): 1999 Chevrolet Venture

OTHER VEHICLE (B): _____

THIRD VEHICLE (C): _____



NORTH



Duplicate columns 1-8
from the previous card.

Module 0 V Format 0 4
9 10 11 12

OTHER VEHICLE OV-1

MAKE: _____
MODEL: **NOT APPLICABLE**

CARGO: _____

VIN

13

29

MANUFAC/BODY CODE

30

34

MAKE/MODEL CODE

38

MODEL YEAR

39

42

VEHICLE MASS (kg)

43

48

IF SEPARATE REPORT WAS MADE,
GIVE VEHICLE NUMBER

NUMBER OF OCCUPANTS
(ENTER 9'S IF UNKNOWN)

51

TRAVELING SPEED (km/h)

54

- (000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

HIGHEST POLICE INJURY SEVERITY
CODE FOR THIS VEHICLE

- (0) O - NO INJURY
(1) C - POSSIBLE INJURY
(2) B - NON-INCAPACITATING INJURY
(3) A - INCAPACITATING INJURY
(4) K - FATAL
(5) INJURED, SEVERITY UNKNOWN
(6) DIED PRIOR TO ACCIDENT
(7) NON-FATAL INJURY
SEVERITY UNKNOWN
(8) UNOCCUPIED VEHICLE
(NOT APPLICABLE)
(9) UNKNOWN

55

VEHICLE TYPE

PASSENGER VEHICLE

- (02) LARGE
(03) LIMOUSINE
(17) PICKUP CAR
(20) UNKNOWN PASSENGER VEHICLE BODY
(24) SUB-MINI
(25) MINI
(26) SUB-COMPACT
(27) COMPACT
(28) INTERMEDIATE
(29) FULL

56 57

MULTIPURPOSE PASSENGER VEHICLE

- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
(15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER
(17) PICKUP CAR WITH CANOPY/SHELL COVER
(21) MOTOR HOME
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER
(23) PICKUP CAR WITH SLIDE-IN CAMPER
(31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) VAN
(12) PICKUP TRUCK
(13) UNKNOWN LIGHT TRUCK
(15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(16) PICKUP TRUCK WITH CANOPY/SHELL COVER
(22) PICKUP TRUCK WITH SLIDE-IN CAMPER
(30) UNKNOWN TRUCK TYPE
(31) CHASSIS-MOUNTED CAMPER
(33) DELIVERY VAN (WALK-IN)
(34) STRAIGHT TRUCK
(35) TRUCK-TRACTOR (BOBTAIL)
(36) CHASSIS-CAB
(37) UNKNOWN HEAVY TRUCK
(38) TRACTOR & SEMI-TRAILER (SEMI)
(39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
(41) SCHOOL BUS
(42) INTERCITY BUS (BETWEEN CITIES)
(43) TRANSIT BUS (INTRACITY)
(44) STREETCAR (ON TRACKS)

- (68) TRAIN (CARS)
(69) LOCOMOTIVE (ENGINE, SWITCHER)

(99) UNKNOWN

WHEELBASE (cm)
(999) UNKNOWN

58 59 60

Duplicate columns 1-8
from the previous card.

Module O V Format 0 2
9 10 11 12

OTHER VEHICLE OV-2

ORIGINAL SPECIFICATIONS

Wheelbase	_____ cm	Front Overhang	_____ cm
			22 24
Curb Weight	_____ kg	Rear Overhang	_____ cm
			25 27
Average Track Width	_____ cm	Undeformed End Width (UEW)	_____ cm
	13 15		28 30
Overall Length	_____ cm	Engine Displacement	_____ L
	16 18		31 32
Overall Width (OAW)	_____ cm	Engine: # of Cylinders	_____
	19 21		33 34

VEHICLE DAMAGE

NOT APPLICABLE

FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) _____ cm
35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ _____ %
38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ _____ %
40 41

Duplicate columns 1-8
from the previous card.

Module V D Format 0 4
9 10 11 12

VEHICLE DESCRIPTION VD-1

MAKE: Chevrolet
MODEL: Venture 4x2, 4-door APV

CARGO: Misc. 2016.

VIN 1GN0U03E1XD [REDACTED]
13 29

MANUFAC/BODY CODE 11311
30 34

MAKE/MODEL CODE 2940
38

MODEL YEAR 1999
39 42

VEHICLE MASS (kg) 001699
43 48

ODOMETER (km)
(ENTER 9'S IF UNKNOWN) 050366
(ENTER 8'S IF ELECTRONIC) 49 54

NUMBER OF OCCUPANTS 02
(ENTER 9'S IF UNKNOWN) 56

TRAVELING SPEED (km/h) 089
59

(000) PARKED OR STOPPED
(995) JUST STARTING UP
(996) BACKING UP
(997) SPEED NOT EXCESSIVE (BUT UNKNOWN)
(998) SPEED EXCESSIVE (BUT UNKNOWN)
(999) UNKNOWN

VEHICLE TYPE

PASSENGER VEHICLE

- (11) 2-DOOR HARDTOP (NO UPPER B-PILLAR)
(12) 2-DOOR SEDAN OR COUPE
(ANY UPPER B-PILLAR)
(13) 4-DOOR HARDTOP
(14) 4-DOOR SEDAN
(15) STATION WAGON
(16) CONVERTIBLE
(18) OTHER PASS. VEH. :
(19) PASSENGER VEHICLE, TYPE UNKNOWN

MULTIPURPOSE PASSENGER VEHICLE

- (21) SMALL UTILITY (E.G. JEEP, SCOUT, BRONCO)
(22) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
(23) VAN, SIZE UNKNOWN
(24) VAN, SMALL (MINI)
(25) VAN, LARGE
(29) MPV, TYPE UNKNOWN
(30) MOTOR HOME

TRUCK

- (31) PICKUP TRUCK, UNKNOWN
(32) PICKUP TRUCK, SMALL (DOWNSIZED)
(33) PICKUP TRUCK, LARGE

(99) UNKNOWN

24
60 61

STOLEN VEHICLE

- (0) NO
(1) YES
(8) NOT COLLECTED
(9) UNKNOWN

8
62

BODY STRUCTURE

- (1) BODY & FRAME
(2) UNITIZED
(3) INTEGRAL-STUB FRAME
(4) BODY & PLATFORM FRAME
(E.G. VW BUG)
(5) PARTIALLY UNITIZED
(7) OTHER:
(9) UNKNOWN

2
63

TRANSMISSION

- (0) NONE
(1) AUTOMATIC
(2) MANUAL
(9) UNKNOWN

1
64

LOCATION OF TRANSMISSION
SELECTOR LEVER

- (1) FLOOR
(2) CONSOLE
(3) COLUMN
(7) OTHER:
(9) UNKNOWN

3
65

STEERING

- (1) POWER
(2) MANUAL
(9) UNKNOWN

1
66

BRAKES

- (1) POWER
(2) MANUAL
(9) UNKNOWN

1
67

TYPE OF BRAKES

- (1) DRUM, ALL WHEELS
- (2) DISC, FRONT WHEELS
- (3) DISC, ALL WHEELS
- (9) UNKNOWN

2
68

WHEELBASE (cm)
(999) Unknown

284
76 77 78

BRAKE ANTI-LOCK DEVICE

- (0) NONE INSTALLED
- (1) TWO-WHEEL
- (2) FOUR-WHEEL
- (7) EQUIPPED, UNKNOWN WHEELS
- (9) UNKNOWN

2
69

PLASTIC ANTI-LACERATIVE
INNER LAYER GLASS EQUIPPED

- (0) NONE
- (1) WINDSHIELD
- (2) WINDSHIELD AND SIDE
- (7) OTHER
- (9) UNKNOWN

0
79

AIR CONDITIONING IN VEHICLE

- (0) NO
- (1) YES
- (8) NOT COLLECTED
- (9) UNKNOWN

8
70

TYPE OF DRIVE

- (1) REAR WHEEL
- (2) FRONT WHEEL
- (3) FOUR WHEEL
- (4) ALL WHEEL DRIVE
- (9) UNKNOWN

2
71

FIELD INVESTIGATOR INSTRUCTIONS:

1. INDICATE CRUSHED AREAS BY OUT-LINING NEW PERIMETER OF VEHICLE AND SHADING THE DAMAGED AREAS ON THE LARGE SKETCH ON PAGE VD-3. USE AS MANY SKETCHES AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.
2. ENTER THE DIMENSIONS ON THE SKETCH(ES) MEASURED TO THE POINT OF MAXIMUM PENETRATION BY THE OBJECT(S) CONTACTED. USE THE EXAMPLES BELOW AS A GUIDE.
3. ENTER THE THREE DIMENSIONS TO THE CENTER OF THE WHEELS (WHEELBASE, FRONT AND REAR OVERHANGS) ON BOTH SIDES OF THE CAR.
4. ADD OTHER DIMENSIONS AS NECESSARY TO COMPLETELY DESCRIBE THE DAMAGE.

EXAMPLES:

DUAL REAR WHEELS

- (0) NO
- (1) YES
- (9) UNKNOWN

0
72

ORIGINAL TYPE
OF RESTRAINT SYSTEM

- (1) ACTIVE BELT
- (2) PASSIVE BELT
- (3) AIRBAG
- (4) KNEE BOLSTERS
- (7) OTHER: _____
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

3
73

EQUIPPED WITH ROLL BAR

- (0) NO
- (1) YES
- (9) UNKNOWN

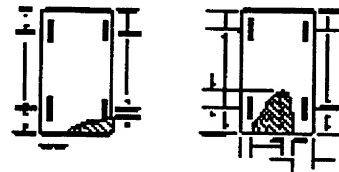
0
74

TYPE OF ROOF

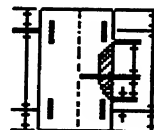
- (0) NONE
- (1) SOLID
- (2) T-TOP CLOSED
- (3) T-TOP OPEN
- (4) SUN ROOF CLOSED
- (5) SUN ROOF OPEN
- (6) CONVERTIBLE CLOSED
- (7) CONVERTIBLE OPEN
- (8) OTHER: _____
- (9) UNKNOWN

1
75

FRONT OR REAR



SIDE



ROOF (REFERENCE TO
TOP OF DOOR SILL
OR WINDOW SILL)



Duplicate columns 1-8
from the previous card.

Module V D Format 0 2
9 10 11 12

VEHICLE DESCRIPTION VD-3

ORIGINAL SPECIFICATIONS

Wheelbase 284 cm

Front Overhang 094 cm
22 24

Curb Weight 1699 kg

Rear Overhang 097 cm
25 27

Average Track Width 159 cm
13 15

Undeformed End Width (UEW) 160 cm
28 30

Overall Length 475 cm
16 18

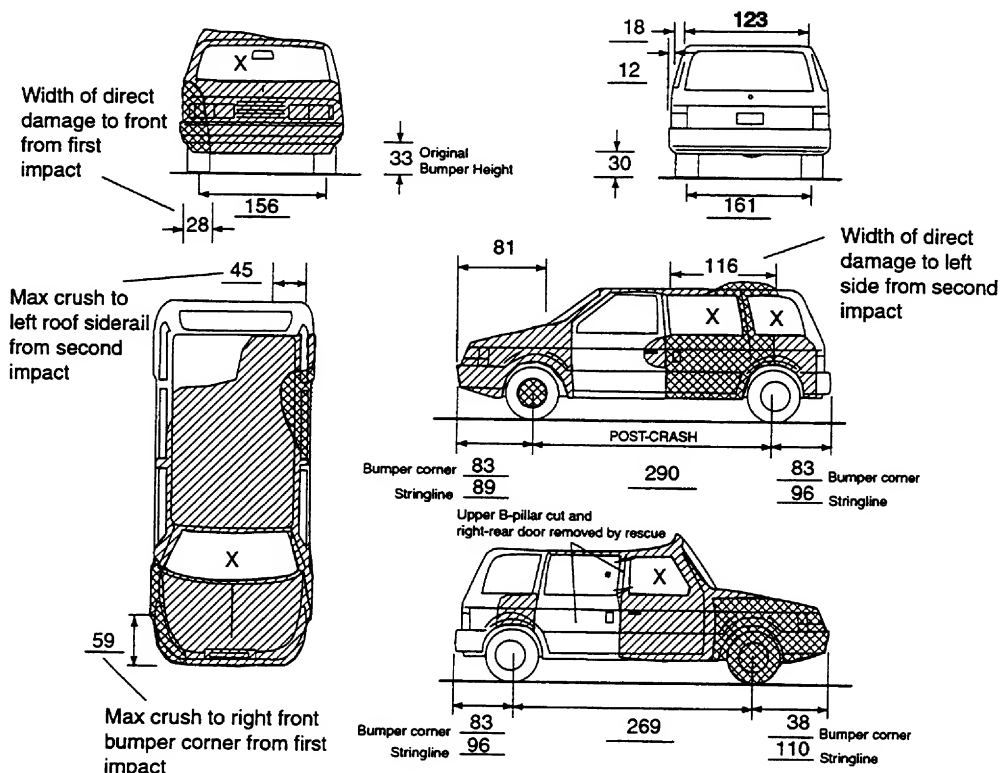
Engine Displacement 3.4 L
31 32

Overall Width (OAW) 183 cm
19 21

Engine: # of Cylinders 06
33 34

VEHICLE DAMAGE

MEASUREMENTS IN CENTIMETERS



FRONTAL CRASH OVERLAP

Round up for .5. 98 = 98% or more
Enter % overlap or "99" for missing or N/A.

Direct Damage Length (DDL) 028 cm
35 37

Front-End Overlap (Percent) = $\frac{DDL}{UEW}$ 18 %
38 39

Vehicle Overlap (Percent) = $\frac{DDL + 1/2 (OAW - UEW)}{OAW}$ 22 %
40 41

Duplicate columns 1-8
from the previous card.

Module D A Format 0 2
9 10 11 12

DAMAGE DA-1

PRIMARY	CASE VEHICLE PRIMARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>1</u> 13	<i>Tree</i>
IMPACT SPEED (km/h)	<u>999</u> 14 15 16	<u>998</u> 35 36 37
ESTIMATED BY	<u>1</u> 17	<u>8</u> 38
CRUSH (cm)	<u>059</u> 18 19 20	<u>998</u> 39 40 41
CDC #1	<u>12.FREE.5</u> 21 27	<u>98.0000.0</u> 42 48
CDC #2	<u>98.0000.0</u> 28 34	<u>98.0000.0</u> 49 55

Duplicate columns 1-8
from the previous card.

Module D A Format 0 3
9 10 11 12

SECONDARY	CASE VEHICLE SECONDARY CDC	CONTACTED VEHICLE ASSOCIATED CDC
EVENT NUMBER	<u>2</u> 13	<i>Tree</i>
IMPACT SPEED (km/h)	<u>999</u> 14 15 16	<u>998</u> 35 36 37
ESTIMATED BY	<u>1</u> 17	<u>8</u> 38
CRUSH (cm)	<u>045</u> 18 19 20	<u>998</u> 39 40 41
CDC #1	<u>0.9.LZAW.4</u> 21 27	<u>98.0000.0</u> 42 48
CDC #2	<u>98.0000.0</u> 28 34	<u>98.0000.0</u> 49 55

CODES

EVENT NUMBER

(8) NOT APPLICABLE
(9) UNKNOWN

IMPACT SPEED

(998) NOT APPLICABLE
(999) UNKNOWN

IMPACT SPEED ESTIMATOR

(1) INVESTIGATOR
(2) DRIVER
(3) POLICE
(4) "CRASH" PROGRAM
(5) OTHER COMPUTER PROGRAM
SPECIFY: _____
(7) OTHER: _____
(8) NOT APPLICABLE
(NO VEHICLE/NO IMPACT)

CRUSH

(998) NOT APPLICABLE
(NO VEHICLE/DAMAGE)
(999) UNKNOWN

CDC

(9800000) NOT APPLICABLE
(9900000) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module D 9 A 10 Format 0 1
11 12

DAMAGE DA-2

MAXIMUM SHEET METAL CRUSH

(cm) (999) UNKNOWN

FRONT 0 5 9
13 15

RIGHT SIDE 0 0 0
16 18

REAR 0 0 0
19 21

LEFT SIDE 0 4 5
22 24

ROOF 0 0 0
25 27

OTHER 0 0 0
28 30

CHRONOLOGICAL SEQUENCE OF DAMAGE/INJURY PRODUCING CRASH EVENTS FOR CASE VEHICLE

NOTE: IF CHRONOLOGICAL ORDER
IS UNKNOWN, EVENT
ORDER IS OPTIONAL.

DO YOU KNOW THIS TABLE
TO BE IN CHRONOLOGICAL ORDER?

1
31

(0) NO
(1) YES

EVENT NUMBER	IMPACT LOCATION (1) ON ROADWAY (2) SHOULDER/MEDIAN/GORE (3) ON ROADSIDE (4) OUTSIDE ROADSIDE RIGHT-OF-WAY (5) OTHER (6) OFF ROADWAY, LOC. UNK. (9) UNKNOWN	IMPACT CONFIGURATION FOR CODES, SEE TABLE ON PAGE DA-3.	OBJECT/VEHICLE CONTACTED FOR CODES, SEE TABLE ON PAGE DA-4.
# 1	<u>4</u> 32	<u>1 7</u> 34	<u>7 7</u> face 36
#2	<u>4</u> 37	<u>2 7</u> 39	<u>7 7</u> face 41
#3	<u> </u> 42	<u> </u> 44	<u> </u> 46
#4	<u> </u> 47	<u> </u> 49	<u> </u> 51
#5	<u> </u> 52	<u> </u> 54	<u> </u> 56
#6	<u> </u> 57	<u> </u> 59	<u> </u> 61
#7	<u> </u> 62	<u> </u> 64	<u> </u> 66

CODES FOR
IMPACT CONFIGURATIONFRONT OF CASE VEHICLE

- (11) AND FRONT OF CONTACTED VEHICLE
- (13) AND SIDE OF CONTACTED VEHICLE
- (14) AND REAR OF CONTACTED VEHICLE
- (16) ENDSWIPED BY CONTACTED VEHICLE
- (17) AND OBJECT
- (19) AND UNKNOWN OTHER VEHICLE CONFIGURATION

LEFT SIDE OF CASE VEHICLE

- (21) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (22) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (23) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (24) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (25) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (26) SIDESWIPED BY CONTACTED VEHICLE
- (27) AND OBJECT
- (29) AND UNKNOWN OTHER VEHICLE CONFIGURATION

REAR OF CASE VEHICLE

- (31) AND FRONT OF CONTACTED VEHICLE
- (33) AND SIDE OF CONTACTED VEHICLE
- (34) AND REAR OF CONTACTED VEHICLE
- (36) ENDSWIPED BY CONTACTED VEHICLE
- (37) AND OBJECT
- (39) AND UNKNOWN OTHER VEHICLE CONFIGURATION

RIGHT SIDE OF CASE VEHICLE

- (41) AND FRONT OF CONTACTED VEHICLE (TYPE T)
- (42) AND FRONT OF CONTACTED VEHICLE (TYPE L)
- (43) AND SIDE OF CONTACTED VEHICLE (NOT SIDESWIPE)
- (44) AND REAR OF CONTACTED VEHICLE (TYPE T)
- (45) AND REAR OF CONTACTED VEHICLE (TYPE L)
- (46) SIDESWIPED BY CONTACTED VEHICLE
- (47) AND OBJECT
- (49) AND UNKNOWN OTHER VEHICLE CONFIGURATION

OTHER

- (57) VEHICLE TO OBJECT
- (58) VEHICLE TO VEHICLE
- (59) VEHICLE TO VEHICLE, CONFIGURATION UNKNOWN

ROLLOVER

- (61) LESS THAN 360°
- (62) 360° OR MORE
- (69) DETAILS UNKNOWN

UNKNOWN

- (99) IMPACT TYPE UNKNOWN

CODES FOR VEHICLE/OBJECT CONTACTED

VEHICLE/OBJECT GROUPS

- (00) NO OBJECT
- (01) - (39) PASSENGER VEHICLE & TRUCK
- (40) - (69) OTHER VEHICLE
- (70) - (76) PEDESTRIAN & ON-ROADWAY OBJECT
- (77) - (97) OFF-ROADWAY OBJECT

- (98) OTHER (DESCRIBE)
- (99) UNKNOWN

PASSENGER VEHICLE

- (02) LARGE
- (03) LIMOUSINE
- (17) PICKUP
- (20) UNKNOWN PASSENGER VEHICLE BODY
- (24) SUB-MINI
- (25) MINI
- (26) SUB-COMPACT
- (27) COMPACT
- (28) INTERMEDIATE
- (29) FULL

SIZEWHEELBASE

SUB-MINI	< 2286 mm (< 90")
MINI	2286 - 2412 mm (90" - 94.9")
SUB-COMPACT	2413 - 2539 mm (95" - 99.9")
COMPACT	2540 - 2666 mm (100" - 104.9")
INTERMEDIATE	2667 - 2793 mm (105" - 109.9")
FULL	2794 - 2920 mm (110" - 114.9")
LARGE	2921 - 3174 mm (115" - 124.9")
LIMOUSINE	> 3175 mm (> 125")

MULTIPURPOSE PASSENGER VEHICLE

- (11) SMALL VAN (MINI)
- (12) PICKUP
- (14) SMALL UTILITY (WHEELBASE LESS THAN 107",
E.G. JEEP, BRONCO)
- (15) LARGE UTILITY (WHEELBASE MORE THAN 107",
E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (17) PICKUP CAR WITH CANOPY/SHELL COVER
- (21) MOTOR HOME
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (23) PICKUP CAR WITH SLIDE-IN CAMPER
- (31) CHASSIS-MOUNTED CAMPER

TRUCK

- (11) SMALL VAN (E.G. ECONOLINE)
- (12) PICKUP TRUCK
- (13) UNKNOWN LIGHT TRUCK
- (15) LARGE UTILITY (E.G. PANEL TRUCK, SUBURBAN)
- (16) PICKUP TRUCK WITH CANOPY/SHELL COVER
- (22) PICKUP TRUCK WITH SLIDE-IN CAMPER
- (30) UNKNOWN TRUCK TYPE
- (31) CHASSIS-MOUNTED CAMPER
- (33) DELIVERY VAN (WALK-IN)
- (34) STRAIGHT TRUCK
- (35) TRUCK-TRACTOR (BOBTAIL)
- (36) CHASSIS-CAB
- (37) UNKNOWN HEAVY TRUCK
- (38) TRACTOR & SEMI-TRAILER (SEMI)
- (39) TRUCK (OR SEMI) & FULL TRAILER(S)

BUS

- (40) UNKNOWN BUS TYPE
- (41) SCHOOL BUS
- (42) INTERCITY BUS (BETWEEN CITIES)
- (43) TRANSIT BUS (INTRACITY)
- (44) STREETCAR (ON TRACKS)

MOTORCYCLE

- (50) UNKNOWN MOTORCYCLE TYPE
- (51) 1 - 75 cc
- (52) 76 - 125 cc
- (53) 126 - 250 cc
- (54) 251 - 500 cc
- (55) 501 - 750 cc
- (56) 751 cc +
- (57) 3-WHEELS (OR WITH SIDECAR)

SPECIAL PURPOSE VEHICLE

- (60) UNKNOWN/OTHER SPECIAL VEHICLE (DESCRIBE)
- (61) SNOWMOBILE
- (62) ATV (ALL TERRAIN VEHICLE)
- (63) AMPHIBIOUS VEHICLE
- (64) FARM VEHICLE
- (65) CONSTRUCTION VEHICLE
- (66) TRAILER, PRIVATE (CAMPER)
- (67) TRAILER, COMMERCIAL (CARGO)
- (68) TRAIN (CARS)
- (69) LOCOMOTIVE (ENGINE, SWITCHER)

OBJECT

- (70) PEDESTRIAN
- (71) BICYCLIST, OTHER PEDALCYCLIST
- (72) PEDESTRIAN CONVEYANCE (E.G. PERSON RIDING
ANIMAL, CART)
- (73) LARGE ANIMAL
- (74) FALLEN OBJECT (E.G. OBJECT DISLODGED FROM
OTHER VEHICLE, FALLEN TREE, ROCKS)
- (75) ROCKS
- (76) CONSTRUCTION EQUIPMENT (EXCLUDING (65))
- (77) SIGN POST, UTILITY POLE, TREE
- (78) DITCH
- (79) EMBANKMENT, SNOWBANK, RR TRACKS RR X
- (80) GROUND (ROLLOVER ONLY)
- (81) CURB (DAMAGE PRODUCING IMPACTS ONLY)
- (82) CULVERT
- (83) FENCE
- (84) HYDRANT, SHORT POST, STUMP
- (85) SMALL POST/TREE, RURAL MAIL BOX, MILE
MARKER, DELINEATOR
- (86) BUILDING
- (87) PIER, PILLAR, BRIDGE SUPPORT
- (88) ABUTMENT, RETAINING WALL
- (89) BRIDGE RAIL
- (90) GUARD RAIL, LEADING SECTION
- (91) GUARD RAIL, MIDDLE OR UNKNOWN
- (92) GUARD RAIL, TRAILING SECTION
- (93) GUARD POST (TIMBER, METAL, CONCRETE)
- (94) CABLE, FENCE BARRIER
- (95) CONCRETE BARRIER (MEDIAN)
- (96) IMPACT ATTENUATOR
- (97) BREAKAWAY FEATURES

Duplicate columns 1-8
from the previous card.

Module C R Format 0 1
9 10 11 12

CRASH RECONSTRUCTION CR-1

for ΔV

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13	<u>tree</u>	<u>2</u> 47	<u>tree</u>
ΔV (km/h) TOTAL	<u>038</u> 14 15 16	<u>8</u> — — 32 33 34	<u>021</u> 48 49 50	<u>8</u> — — 66 67 68
LONGITUDINAL*	<u>-037</u> 17 — — 20	<u>8</u> — — 35 — — 38	<u>+000</u> 51 — — 54	<u>8</u> — — 69 — — 72
LATERAL*	<u>-007</u> 21 — — 24	<u>8</u> — — 39 — — 42	<u>+021</u> 55 — — 58	<u>8</u> — — 73 — — 76
*NOTE: THESE ΔV COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = ± 010 -7 km/h = -007				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0107</u> 25 — — 28	<u>8</u> — — 43 — — 46	<u>0046</u> 59 — — 62	<u>8</u> — — 77 — — 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u>22</u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER: _____				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>2</u> 31		<u>2</u> 65	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINSMASH</u>				

Duplicate columns 1-8
from the previous card.

Module C R Format 0 2
9 10 11 12

CRASH RECONSTRUCTION CR-2

for EBS

	CASE VEHICLE PRIMARY IMPACT		CASE VEHICLE SECONDARY IMPACT	
	CASE VEHICLE	CONTACTED VEHICLE	CASE VEHICLE	CONTACTED VEHICLE
EVENT NUMBER	<u>1</u> 13	<u>tree</u>	<u>2</u> 47	<u>tree</u>
EBS (km/h) TOTAL	<u>038</u> 14 15 16	<u>8—</u> 32 33 34	<u>021</u> 48 49 50	<u>8—</u> 66 67 68
LONGITUDINAL*	<u>-037</u> 17 20	<u>8—</u> 35 38	<u>+006</u> 51 54	<u>8—</u> 69 72
LATERAL*	<u>-007</u> 21 24	<u>8—</u> 39 42	<u>+021</u> 55 58	<u>8—</u> 73 76
*NOTE: THESE EBS COMPONENTS MUST INCLUDE SIGN.				
EXAMPLES: 10 km/h = <u>+010</u> -7 km/h = <u>-007</u>				
ENERGY DISSIPATED BY CRUSH (kj)	<u>0107</u> 25 28	<u>8—</u> 43 46	<u>0046</u> 59 62	<u>8—</u> 77 80
RECONSTRUCTION				
(01) RECONSTRUCTED, UNKNOWN CONFIDENCE LEVEL	<u>22</u> 29 30		<u>22</u> 63 64	
(21) RECONSTRUCTED, LOW CONFIDENCE LEVEL				
(22) RECONSTRUCTED, MODERATE CONFIDENCE LEVEL				
(23) RECONSTRUCTED, HIGH CONFIDENCE LEVEL				
NOT RECONSTRUCTED BECAUSE				
(02) INSUFFICIENT DATA				
(03) EXCESSIVE UNDERRIDE/ OVERRIDE				
(04) ROLLOVER				
(05) VAULTING				
(06) OTHER TRAVEL IN MORE THAN ONE PLANE				
(07) NON-HORIZONTAL FORCE				
(08) SIDESWIPE-TYPE DAMAGE				
(09) YIELDING OBJECT				
(10) OTHER:				
(11) AT LEAST ONE VEHICLE BEYOND SCOPE				
(12) OTHER VEHICLE NOT INSPECTED				
MODE				
(1) CDC ONLY				
(2) CDC & DETAILED DAMAGE	<u>2</u> 31		<u>2</u> 65	
(3) TRAJECTORY & CDC				
(4) TRAJECTORY & CDC & DETAILED DAMAGE				
(5) NOT RECONSTRUCTED				
COMPUTER PROGRAM SPECIFY: <u>WINSASH</u>				

Duplicate columns 1-8
from the previous card.

Module C R Format 0 3
9 10 11 12

CRASH RECONSTRUCTION CR-3

NOTES:

1. ENTER CRASH RECONSTRUCTION DAMAGE MEASUREMENTS IN CENTIMETERS.

2. MEASURE C_1 TO C_6 FROM DRIVER TO PASSENGER SIDE IN FRONT OR REAR IMPACTS, REAR TO FRONT IN SIDE IMPACTS.

3. D IS POSITIVE IF MEASURED TO A POINT FORWARD OF OR TO THE RIGHT OF THE CG.

4. USE THE CENTER OF THE WHEELBASE AS THE CG.

CASE VEHICLE

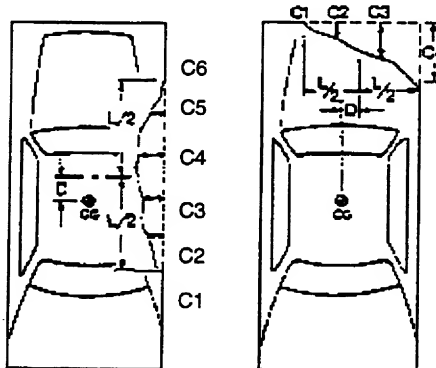
LOCATOR

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Specific Impact No.	Location of Direct Damage	Location of Field L

PLANE:

- (1) Bumper
- (2) Above Bumper
- (3) Sill
- (4) Above Sill
- (5) Other _____
- (9) Unknown



DL 28
UDL 132

CRUSH PROFILE IN CENTIMETERS

NOTE: Each line in the table below is a separate record (card).

Duplicate columns 1 - 12 for each completed line.

Specific Impact Number	Plane of Impact C-Measur.	Direct Damage		Field L	C ₁	C ₂	C ₃	C ₄	C ₅	C ₆	±D
		Length (DDL)	Max Crush								
1	1	28	72	112	6	9	15	26	36	72	+66
-	Free space		-13		-13	-4	-1	-1	-4	-13	
1	1	028	059	112	000	005	014	025	032	059	+066
13	14	15 16 17	18 19 20	21 22 23	24 25 26	27 28 29	30 31 32	33 34 35	36 37 38	39 40 41	42 43 44 45
2	4	116	45	192	0	9	16	29	14	0	-96
	4							45			
	Average							37			
2	4	116	045	192	000	009	016	037	014	000	-096

Locate the end of the damage with respect to the vehicle longitudinal center line, or an undamaged axle for side impacts.

Duplicate columns 1-8
from the previous card.

Module W T Format 0 1
9 10 11 12

WHEELS AND TIRES

WT-1

WHEELS--DAMAGED

- (0) NO
(1) YES
(9) UNKNOWN

Torn off

LF 1
13

RF 1

RR 0

LR 6
16

TIRE TREAD TYPE

- (1) REGULAR
(2) SNOW
(3) SLICKS
(4) ALL WEATHER (MS)
(7) OTHER: _____
(9) UNKNOWN

LF 4
17

RF 4

RR 4

LR 4
20

CARCASS CONSTRUCTION

- (1) BIAS
(2) BELTED BIAS
(3) RADIAL
(4) ELLIPTICAL
(5) HI PRESSURE SPARE
(6) SPACE SAVER SPARE
(7) OTHER: _____
(9) UNKNOWN

LF 3
21

RF 3

RR 3

LR 3
24

SIZE (NOT DOT CODE. IF UNKNOWN, USE 9'S)

LF P 215 70 R 15
25

RF ↓
35

RR ↓
45

LR ↓
55

IF VEHICLE IS EQUIPPED WITH DUAL
WHEELS, COMPLETE FOR OUTER WHEELS
AND MAKE NOTES ON INNER WHEELS.

NOTES: _____

Duplicate columns 1-8
from the previous card.

Module F T Format 0 1
9 10 11 12

FUEL AND FUEL TANKS FT-1

TYPE OF PROPULSIVE FUEL

- (1) GASOLINE
- (2) DIESEL OIL
- (3) LPG
- (4) ELECTRIC
- (7) OTHER: _____
- (9) UNKNOWN

1
13

AUXILIARY TANK TYPE

- (1) OEM TANK
- (2) AFTER MARKET TANK
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

8
21

MAIN TANK LOCATION

322
14 16

AUXILIARY TANK LOCATION

888
22 24

MAIN FILLER CAP LOCATION

213
17 19

AUXILIARY FILLER CAP LOCATION

888
25 27

MAIN TANK MATERIAL

3
20

AUXILIARY TANK MATERIAL

8
28

TANK AND FILLER CAP LOCATION CODES

FIRST DIGIT (LONGITUDINAL)

- (1) BEHIND KICK-UP
- (2) IN KICK-UP
- (3) BETWEEN KICK-UP & COWL
- (4) FORWARD OF COWL
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

SECOND DIGIT (LATERAL)

- (1) LEFT OF FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) RIGHT OF FRAME
- (4) DUAL, RIGHT & LEFT TANKS
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

THIRD DIGIT (VERTICAL)

- (1) BELOW FRAME
- (2) WITHIN FRAME OR CENTERED
- (3) ABOVE FRAME
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

TANK MATERIAL CODES

- (1) STEEL
- (2) ALUMINUM
- (3) PLASTIC
- (7) OTHER
- (8) NOT APPLICABLE (NOT EQUIPPED)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F L Format 0 1
9 10 11 12

FUEL LEAKAGE FL-1

DID FUEL LEAKAGE RESULT FROM A CRASH EVENT

(0) NO KNOWN LEAKAGE SKIP PAGE.

(1) YES COMPLETE PAGE.

0
13

LEAK NUMBER	I LEAKING COMPONENT	II COMPONENT SOURCE	III TYPE OF DAMAGE	IV SEVERITY OF DAMAGE	V LOCATION OF LEAK	EVENT NUMBER
#1	<u> </u> <u> </u> 14 15	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 21
#2	<u> </u> <u> </u> 22 23	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 29
#3	<u> </u> <u> </u> 30 31	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 37
#4	<u> </u> <u> </u> 38 39	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 45
#5	<u> </u> <u> </u> 46 47	<u> </u>	<u> </u>	<u> </u>	<u> </u> <u> </u>	<u> </u> 53

I LEAKING COMPONENT

TANK AREA

- (11) MAIN FUEL TANK (INCLUDING VAPOR RECOVERY DOME)
- (12) AUXILIARY FUEL TANK
- (13) MAIN TANK FILLER TUBE
- (14) MAIN TANK CAP (GAS CAP)
- (15) AUXILIARY TANK FILLER TUBE
- (16) AUXILIARY TANK CAP (GAS CAP)
- (19) TANK AREA, DETAILS UNKNOWN

DELIVERY SYSTEM

- (21) FUEL FEED LINE (MAIN TANK TO FUEL PUMP)
- (22) FUEL FEED LINE (AUXILIARY TANK TO FUEL PUMP)
- (23) FUEL RETURN LINE (FUEL PUMP TO TANK)
- (24) INLINE FUEL FILTER
- (25) FUEL LINE (PUMP TO CARBURETOR OR INJECTOR PUMP)
- (26) CARBURETOR TO INJECTOR PUMP
- (27) FUEL PUMP
- (29) DELIVERY SYSTEM, DETAILS UNKNOWN

EVAPORATIVE EMISSION CONTROL SYSTEM

- (31) ATMOSPHERIC VENT PIPE (NON-EEC EQUIPPED)
- (32) EEC PIPE (VAPOR CANISTER TO CARBURETOR)

EEC SYSTEM (CONTINUED)

- (33) VAPOR RECOVERY HOSES (CANISTER TO CARBURETOR)
- (34) LIQUID-VAPOR SEPARATOR (UNLESS PART OF TANK)
- (35) CANISTER
- (39) EEC SYSTEM, DETAILS UNKNOWN

- (49) ENGINE COMPARTMENT, COMPONENT UNKNOWN
- (99) COMPONENT UNKNOWN

II COMPONENT SOURCE

- (1) OEM
- (2) AFTER MARKET
- (9) UNKNOWN

III TYPE OF DAMAGE

- (1) DENTED/CRUSHED
- (2) PUNCTURED
- (3) RUPTURED
- (4) SEVERED/GROSS TEARS
- (5) DISCONNECTED/DEFEATED
- (9) UNKNOWN

IV SEVERITY OF DAMAGE

- (1) MINOR
- (2) MODERATE
- (3) SEVERE
- (4) DISCONNECTED/DEFEATED
- (9) UNKNOWN

V LOCATION OF LEAK

FIRST DIGIT
(LONGITUDINAL LOCATION)

- (1) F, FORWARD OF COWL
- (2) P, BETWEEN COWL & REAR BULKHEAD
- (3) B, BEHIND REAR BULKHEAD
- (4) Y, F, & P
- (5) Z, P, & B
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

SECOND DIGIT
(LATERAL LOCATION)

- (1) L, LEFT
- (2) C, CENTER
- (3) R, RIGHT
- (4) Y, LEFT CENTER (L & C)
- (5) Z, RIGHT CENTER (R & C)
- (6) D, DISTRIBUTED (F, P & B)
- (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module F R Format 0 1
9 10 11 12

FIRE FR-1

WAS THERE FIRE IN OR ON CASE VEHICLE?

(0) NO SKIP PAGE.

0
13

(1) YES COMPLETE PAGE.

DID FIRE START IN CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

14

FLAME PROPOGATION RATE

- (1) RAPID/EXPLOSIVE
(2) SLOW/MODERATE
(9) UNKNOWN

15

SEVERITY OF FIRE DAMAGE

- (1) MINOR
(2) MODERATE
(3) SEVERE
(9) UNKNOWN

16

DID AN INJURY TO CASE
VEHICLE OCCUPANT RESULT FROM
FIRE IN OR ON CASE VEHICLE?

- (0) NO
(1) YES
(9) UNKNOWN

17

PROVIDE NOTES IF FIRE OCCURRED.

Duplicate columns 1-8
from the previous card.

Module E D Format 0 1
9 10 11 12

EXTERIOR DAMAGE

ED-1

HOOD PERFORMANCE

FOR THE FOLLOWING, USE CODES:

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

HOOD LATCH(ES)- -RELEASED

0
13

-DAMAGED

1
14

-JAMMED

1
15

Fixed Oper

HOOD HINGES- -LEFT, DAMAGED

1
16

-LEFT, SEPARATED
(COMPLETE)

0
17

-RIGHT, DAMAGED

1
18

-RIGHT, SEPARATED
(COMPLETE)

0
19

HOOD REMAINED ON VEHICLE

1
20

REAR EDGE OF HOOD- -ELEVATED

1
21

-CONTACTED WINDSHIELD

1
22

-PENETRATED WINDSHIELD

0
23

HOOD LATCH LOCATION

- (1) FRONT OF VEHICLE
- (2) COWL AREA
- (3) SIDE
- (8) NOT APPLICABLE
- (9) UNKNOWN

1
24

ENGINE OR TRANSMISSION MOUNT

SEPARATION (COMPLETE)

- (0) NO
- (1) YES
- (9) UNKNOWN

0
25

STEERING COL FLEXIBLE COUPLING

FLEXIBLE COUPLING TYPE

- (0) NONE
- (1) FLEXIBLE MATERIAL
- (2) POT
- (3) SINGLE U-JOINT
- (4) DOUBLE U-JOINT
- (5) FLEXIBLE CABLE
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OTHER: _____
- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN, IF EQUIPPED

9
26

COUPLING-

-DAMAGED

9
27

(USE CODES
FROM HOOD
PERFORMANCE)

-SEPARATED
(COMPLETE)

9
28

ENG COMPART TELESCOPING UNIT

TYPE OF UNIT

- (00) NONE INSTALLED
- (01) - (07) SEE UNITS ON PAGE ED-2
- (88) NOT COLLECTED
- (97) OTHER: _____
- (98) EQUIPPED, TYPE UNKNOWN
- (99) UNKNOWN IF EQUIPPED

8 8
29 30

ORIGINAL LENGTH (mm)

F (OR H): _____

TELESCOPED LENGTH (mm)

G: _____

DIFFERENCE (mm)

F (OR H) - G

(IF LESS THAN 15mm, ENTER "000".)

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO
COMPRESSION
- (992) COMPRESSED, AMOUNT
UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO BE MEASURED
- (998) NOT APPLICABLE (NOT
EQUIPPED)
- (999) UNKNOWN

8 8 8
31 32 33

LEFT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

8
 34

LEFT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
 (2) DOOR-LATCH SEPARATION
 (3) LATCH-STRIKER SEPARATION
 (4) STRIKER-PILLAR SEPARATION
 (5) BODY DISTORTION
 (6) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (7) OPENED, REASON UNKNOWN

- (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

LEFT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

4
 35

LOWER

4
 36

-B-PILLAR, UPPER

4
 37

LOWER

4
 38

-C-PILLAR, UPPER

4
 39

LOWER

4
 40

-D-PILLAR, UPPER

4
 41

LOWER

0
 42

-FRONT

0
 43

-REAR

0
 44

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

1
 45

-REAR

1
 46

REAR DOOR

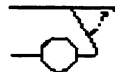
REAR DOOR TYPE

- (0) NO DOOR (INCLUDES PICKUPS)
- (1) HATCHBACK
- (2) ONE-WAY TAILGATE
- (3) TWO-WAY TAILGATE
- (4) CLAMSHELL/DISAPPEARING TAILGATE
- (5) SINGLE DOOR
- (6) DOUBLE DOOR
- (9) UNKNOWN

Hatchback



One-way



Two-way



or



Clamshell



Single door



Double door

HOW DID DOOR
OPEN DURING COLLISION?

- (0) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (1) HINGE AREA SEPARATION
- (2) DOOR-LATCH SEPARATION
- (3) LATCH-STRIKER SEPARATION
- (4) STRIKER-PILLAR SEPARATION
- (5) BODY DISTORTION
- (6) COMBINATION OF ABOVE
(CIRCLE EACH)
- (7) OPENED, REASON UNKNOWN
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

DOOR JAMMED CLOSED

- (0) NO
- (1) YES
- (8) NOT APPLICABLE (NO DOOR)
- (9) UNKNOWN

OTHER REAR DAMAGE

WAS PARTITION TO LUGGAGE AREA
DAMAGED DURING COLLISION?

- (0) NO
- (1) YES
- (8) NOT APPLICABLE
- (9) UNKNOWN

SPARE TIRE

- (0) NO SPARE TIRE
- (1) NOT ATTACHED BEFORE COLLISION
- (2) ATTACHED, NOT SEPARATED IN COLLISION
- (3) ATTACHED, SEPARATED DUE TO COLLISION
- (8) NOT COLLECTED
- (9) UNKNOWN

TRAILER HITCH TYPE

- (0) NO HITCH

BALL-AND-SOCKET TYPES

- (1) TEMPORARY FRAMEWORK (E.G. RENTAL CLAMP-ON)
- (2) BUMPER-MOUNT ONLY (E.G. LIGHT TRUCK)
- (3) BUMPER-AND-FRAME (BUT NON-EQUALIZING)
- (4) LOAD EQUALIZING

OTHER TYPES

- (5) RING-AND-PINTLE
- (6) FIFTH-WHEEL (INCL. P/U)
- (7) OTHER (E.G. CLEVIS-AND-PIN)

- (8) EQUIPPED, TYPE UNKNOWN
- (9) UNKNOWN IF EQUIPPED

TRAILER TYPE
(AT TIME OF COLLISION)

- (0) NO TRAILER
- (1) TRAVEL-TRAILER/CAMPER
- (2) MOBILE HOME
- (3) BOAT/SNOWMOBILE/ATV TRAILER
- (4) UTILITY TRAILER
- (5) TOWED CAR
- (7) OTHER: _____
- (8) TRAILER, TYPE UNKNOWN
- (9) UNKNOWN

RIGHT-SIDE BODY MOUNT

DID BODY MOUNT SEPARATE?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

8
 54

RIGHT PILLARS

PILLARS SEPARATED COMPLETELY -

USE CODES:

- (0) NO
 (1) YES
 (4) NO SEPARATION, BUT DAMAGED
 (8) NOT APPLICABLE (NOT EQUIPPED)
 (9) UNKNOWN

-A-PILLAR, UPPER

4
 55

LOWER

4
 56

cut ← -B-PILLAR, UPPER

4
 57

LOWER

4
 58

-C-PILLAR, UPPER

0
 59

nixon - LOWER

4
 60

-D-PILLAR, UPPER

0
 61

LOWER

0
 62

RIGHT DOORS

HOW DID DOORS
OPEN DURING COLLISION?

USE CODES:

(00) DOOR DID NOT OPEN

OPENED BECAUSE OF

- (01) HINGE AREA SEPARATION
 (02) DOOR-LATCH SEPARATION
 (03) LATCH-STRIKER SEPARATION
 (04) STRIKER-PILLAR SEPARATION
 (05) BODY DISTORTION
 (06) COMBINATION OF ABOVE
 (CIRCLE EACH)
 (07) OPENED, REASON UNKNOWN
 (11) VAN RIGHT-REAR DOOR OPENED
 (ANY MECHANISM)

- (98) NOT APPLICABLE (NO DOOR)
 (99) UNKNOWN

-FRONT

0 0
 63 64

-REAR

0 0
 65 66

DOORS JAMMED CLOSED-

USE CODES:

- (0) NO
 (1) YES
 (8) NOT APPLICABLE (NO DOOR)
 (9) UNKNOWN

-FRONT

1
 67

-REAR

1
 68

VAN REAR DOOR TYPE

- (0) VAN, NO REAR DOOR
 (1) TRACK (SLIDING) - RIGHT SIDE
 (2) SINGLE-HINGED - RIGHT SIDE
 (3) DOUBLE-HINGED - RIGHT SIDE
 (4) TRACK (SLIDING) - RIGHT & LEFT SIDE
 (5) SINGLE-HINGED - RIGHT & LEFT SIDE
 (6) DOUBLE-HINGED - RIGHT & LEFT SIDE
 (7) TRACK AND HINGED COMBINATION
 (8) NOT APPLICABLE (NOT A VAN)
 (9) UNKNOWN

4
 69

WINDSHIELD DAMAGE

WINDSHIELD CRACKED

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

WINDSHIELD BROKEN
(PLASTIC INTERLAYER TORN)

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

CRACKED OR BROKEN
BY OCCUPANT CONTACT

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (9) UNKNOWN

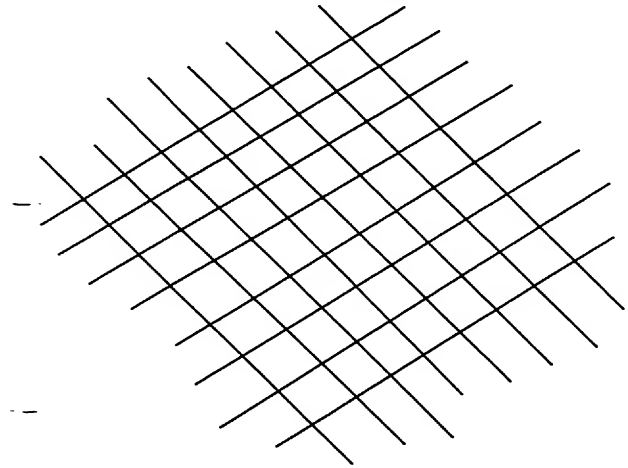
EXTENT OF BOND SEPARATION

- (0) NONE
 (1) 1 - 20%
 (2) 21 - 40
 (3) 41 - 60
 (4) 61 - 80
 (5) 81 - 99
 (6) TOTAL
 (7) SEPARATED, AMOUNT
 UNKNOWN
 (8) NOT APPLICABLE
 (9) UNKNOWN

190

 $\frac{1}{70}$ $\frac{0}{71}$ $\frac{0}{72}$ $\frac{1}{73}$

WINDSHIELD MARK ON CASE VEHICLE:



WINDSHIELD CODE

- (97) DESCRIBED BUT NOT CODED
 (98) NOT APPLICABLE (NO WINDSHIELD)
 (99) UNKNOWN

99
74 75

Roof

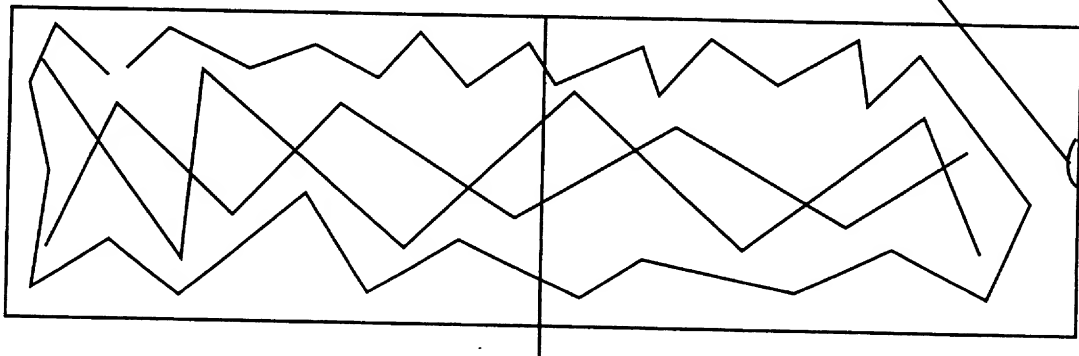
DID T-ROOF/SUN ROOF OPEN
DURING COLLISION?

- (0) NO
 (1) YES
 (8) NOT APPLICABLE
 (NOT A T-ROOF OR SUN ROOF)
 (9) UNKNOWN

8
76

LOCATE AREA OF WINDSHIELD INTEREST OR DAMAGE WITH DIMENSIONS (VERTICAL & HORIZONTAL) ON THIS DIAGRAM OF THE WINDSHIELD AS VIEWED FROM INSIDE.

Small amount of bond separation
 less than 1% of total



L

C

R

STEERING WHEEL

STEERING WHEEL RIM DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
13

NUMBER OF STEERING WHEEL SPOKES

- (9) UNKNOWN

4
14

STEERING WHL SPOKE DAMAGE

- (0) NONE
- (1) DEFORMED SLIGHTLY
- (2) SEVERELY BENT
- (3) BROKEN
- (9) UNKNOWN

0
15

STEERING WHEEL POSITION AT TIME OF COLLISION

IN WHAT O'CLOCK POSITION WAS THE
NORMAL TOP OF THE WHEEL POINTED
WHEN THE COLLISION OCCURRED?

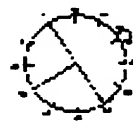
EXAMPLES

O'CLOCK = 12

O'CLOCK = 02



(NORMAL STRAIGHT
AHEAD)



O'CLOCK = 12

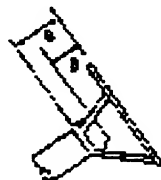
(99) UNKNOWN

STEERING WHEEL ENERGY ABSORBING DEVICE



(1) EXAMPLES:

BARRACUDA, 70 - 74
CHALLENGER, 70 - 74
CAPRI, 71 - 77



(2) EXAMPLES:

OMNI, 78 -
HORIZON, 78 -

TYPE OF DEVICE

- (0) NONE
- (1) CONVOLUTED OR MESH CYLINDER
- (2) DEEP DISH STEERING WHEEL
- (7) OTHER: _____
- (8) NOT COLLECTED
- (9) UNKNOWN IF EQUIPPED

8
19

ORIGINAL DIMENSION (mm)

A: _____

DAMAGE DIMENSION (mm)

B: _____

DIFFERENCE (mm)

A - B

- (888) NOT COLLECTED
- (991) NOT MEASURED/NO APPARENT
COMPRESSION
- (992) COMPRESSED, AMOUNT UNKNOWN
- (993) DEVICE EXTENDED
- (997) UNABLE TO MEASURE
- (998) NOT APPLICABLE (NOT EQUIPPED)
- (999) UNKNOWN

8 8 8
20 22

STEERING COLUMN OPTIONS

TILT FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED, UNK POSITION
- (2) UP
- (3) MIDDLE
- (4) LOWER
- (9) UNKNOWN IF EQUIPPED

3
16

SWING-AWAY FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
17

TELESCOPING FEATURE

- (0) NOT EQUIPPED
- (1) YES, EQUIPPED
- (9) UNKNOWN IF EQUIPPED

0
18

STEERING COLUMN ENERGY ABSORBING DEVICE

TYPE OF DEVICE * (IF 27 OR 28)

- (00) NOT EQUIPPED
(88) NOT COLLECTED
(99) UNKNOWN

8 8
23 24

ORIGINAL LENGTH (mm)

C: _____

COMPRESSED LENGTH (mm)

D: _____

BRACKET DEFLECTION (IF CODE 36, 48,
OR 49 ABOVE)

OR

COMPRESSION (OR EXTRUSION) (mm)

C - D (OR E) (TOLERANCE: ± 10)

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
COMPRESSION
(992) COMPRESSED, AMOUNT UNKNOWN
(993) DEVICE EXTENDED
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

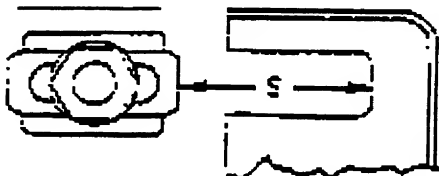
8 8 8
25 27

* (ADD A & B FOR TOTAL COMPRESSION)

SHEAR CAPSULE SEPARATION (mm)

S (USE AVG. OF LEFT & RIGHT CAPSULES.)

LT:



RT:

- (888) NOT COLLECTED
(991) NOT MEASURED/NO APPARENT
SEPARATION
(992) SEPARATED, AMOUNT UNKNOWN
(997) UNABLE TO BE MEASURED
(998) NOT APPLICABLE (NOT EQUIPPED)
(999) UNKNOWN

8 8 8
28 30

COLUMN VERTICAL ROTATION

- (0) NO APPARENT ROTATION
(1) UPWARD APPARENT ROTATION
(2) DOWNWARD APPARENT ROTATION
(9) UNKNOWN

0
31

COLUMN LATERAL ROTATION

- (0) NO APPARENT ROTATION
(1) LEFT APPARENT ROTATION
(2) RIGHT APPARENT ROTATION
(9) UNKNOWN

1
32

STEERING WHEEL (CONTINUED)

STEERING WHEEL HUB DAMAGE

- (0) NONE
(1) OCCUPANT CONTACT
(2) AIRBAG
(3) OTHER _____
(9) UNKNOWN

0
33

1 = Definitely 2 = Probably 3 = Possible

INTRUSION IT-1

Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)				Dominant Crush Direction
		Comparison Value	–	Intruded Value	= Intrusion	
31	Roof siderail	125	–	95	= 30	Y
31	C-pillar	125	–	92	= 30	Y
21	Lt rear door	157	–	130	= 27	Y
13	Lower A-pillar	189	–	112	= 77	X
13	Instrument panel	185	–	114	= 71	X
12	Instrument panel	185	–	143	= 44	X
11	Instrument panel	185	–	158	= 27	X
13	Lower A-pillar	138	–	119	= 19	Y
13	Instrument panel	153	–	120	= 33	Y
13	Windshield header	179	–	160	= 19	X
13	Roof	113	–	110	= 3	Z
			–		=	
			–		=	

OCCUPANT CONTACT WORKSHEET

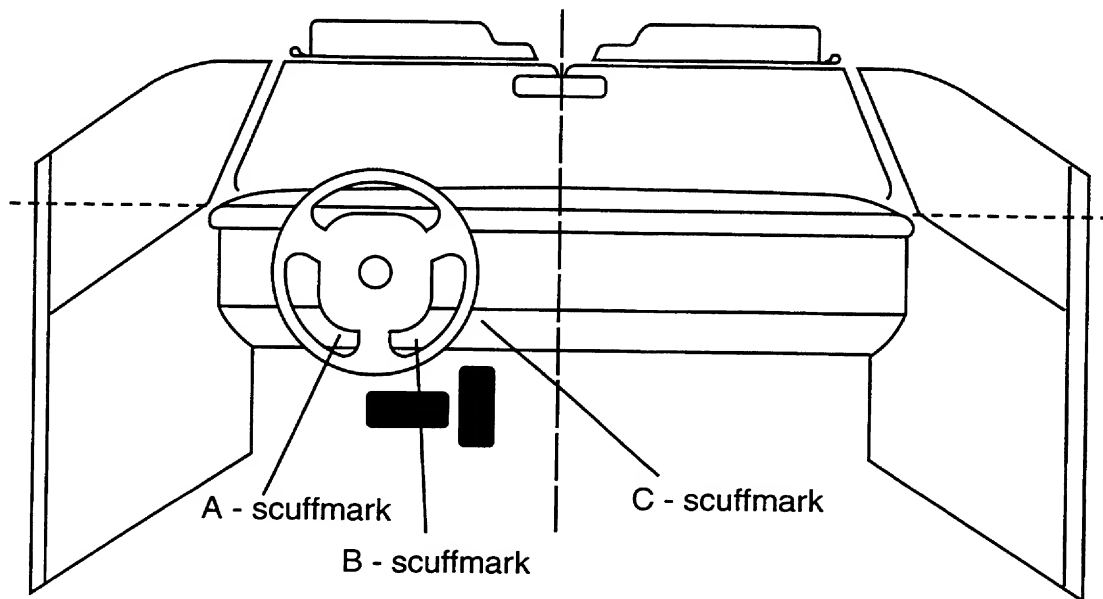
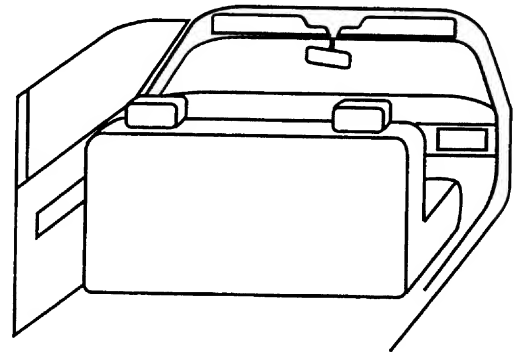
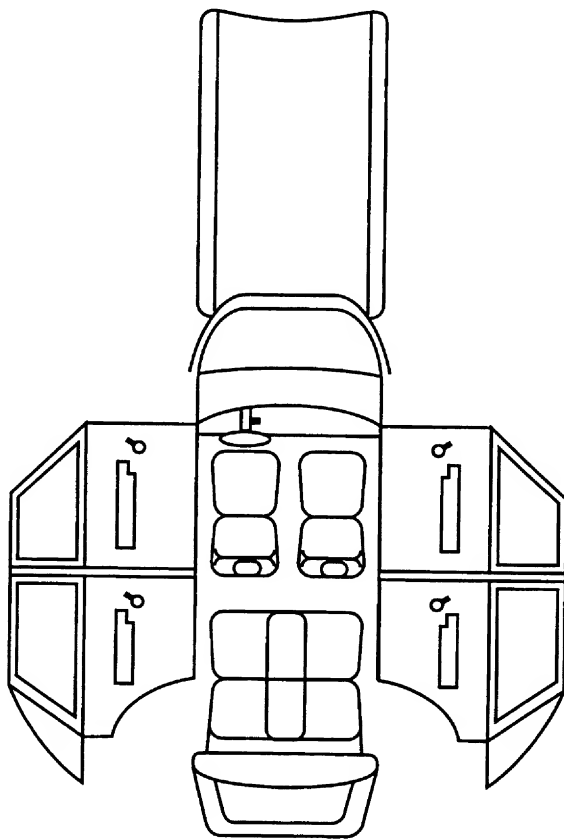
Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A	Knee bolster	Driver	Lt knee	Scuff mark	2
B	knee bolster	Driver	Rt knee	Scuff mark	2
C	Knee bolster	Driver	Rt knee	Scuff mark	2
D					
E					
F					
G					
H					
I					
J					
K					
L					
M					

INTRUSION IT-1					
Location of Intrusion	Intruded Component	(All Measurements Are in Centimeters)			Dominant Crush Direction
		Comparison Value	— Intruded Value	= Intrusion	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	
			—	=	

OCCUPANT CONTACT WORKSHEET

Contact	Interior Component Contacted	Occupant No. if Known	Body Region if Known	Supporting Physical Evidence	Confidence Level of Contact Point
A					
B					
C					
D					
E					
F					
G					
H					
I					
J					

VEHICLE OCCUPANT CONTACT DIAGRAM



CODES FOR COLUMN B, OCCUPANT SPACE NUMBER

OCCUPANT SPACE NUMBER IS A TWO-DIGIT CODE. THE USE OF THE CODE IS DETERMINED BY THE VEHICLE SEAT CONFIGURATION AT THE TIME OF THE ACCIDENT.

FIRST DIGIT

THE FIRST DIGIT (LEFT DIGIT) DENOTES THE SEAT ROW, WITH CODE VALUES FROM 1 TO 5.

SECOND DIGIT

THE SECOND DIGIT (RIGHT DIGIT) DENOTES THE POSITION ON THE SEAT AND, IN SOME INSTANCES, THE WIDTH OF THE SEAT.

- | | | | |
|--------------------------|-----------------|-------------------------|---|
| (1) LEFT | (3) RIGHT | | INDIVIDUAL SEAT |
| (1) LEFT | (2) CENTER | (3) RIGHT | BENCH: FULL WIDTH 3 PASSENGER |
| (1) LEFT | (2) LEFT CENTER | (6) RIGHT CENTER | (3) RIGHT BENCH: FULL WIDTH 4 PASSENGER |
| (1) LEFT | (2) CENTER | (5) RIGHT & AISLE SPACE | BENCH: PARTIAL WIDTH, LEFT |
| (0) LEFT & SPACE | (2) CENTER | (5) RIGHT & SPACE | BENCH: PARTIAL WIDTH, CENTERED |
| (4) ENTIRE VEHICLE WIDTH | | CARGO AREA | |

EXAMPLES

THE TWO FIGURES BELOW PROVIDE EXAMPLES OF THE OCCUPANT SPACE NUMBER.

PASSENGER CAR
5 PASSENGERS

X	X	11	13
X	X	X	21 22 23

VAN
12 PASSENGER CAPACITY

X	X	11	13
X	X	X	21 22 25
X	X	X	31 32 35
X	X	X	X 41 42 46 43

CODES FOR COLUMN F, MEASUREMENT AXIS

- (X) X-AXIS (FORE & AFT)
(Y) Y-AXIS (LATERAL)
(Z) Z-AXIS (VERTICAL)

CODES FOR COLUMNS G, H, I & J, OCCUPANT & INJURY NUMBERS

OCCUPANT NUMBER	INJURY NUMBER	CONTACT
(00)	(00)	NO CONTACT
(##)	(00)	CONTACT, NO INJURY
(97)	(99)	CONTACT, OCCUPANT UNKNOWN, INJURY UNKNOWN
(99)	(00) OR (99)	UNKNOWN IF CONTACT

CODES FOR COLUMN C, INTRUDING COMPONENT OR OBJECT

NOTE: DO NOT CODE OBJECTS OTHER THAN COMPONENTS OF CASE VEHICLE.

INDIVIDUAL COMPONENT

INTERNAL

- (01) INSTRUMENT PANEL
- (02) FIRE WALL
- (03) TOE PAN
- (04) FLOOR PAN
- (05) STEERING COLUMN
- (06) WINDSHIELD
- (07) WINDSHIELD HEADER
- (08) A-PILLAR
- (09) DOOR PANEL OR SIDE PANEL
- (10) WINDOW FRAME
- (11) B-PILLAR
- (12) C-PILLAR
- (13) D-PILLAR
- (14) ROOF SIDE RAILS
- (15) ROOF OR CONVERTIBLE TOP
- (16) BACKLIGHT HEADER
- (17) FRONT SEAT-BACK SURFACE/
SEAT-BACK BACK SURFACE
- (18) SECOND SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (19) THIRD SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (20) FOURTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (21) FIFTH SEAT-BACK SURFACE
SEAT-BACK BACK SURFACE
- (22) BACK PANEL/BACK DOOR SURFACE
- (23) SEAT CUSHION SURFACE/EDGE
- (24) CONSOLE
- (25) OTHER (*DESCRIBE*)
- (26) UNKNOWN INTERNAL SURFACES
- (28) TRANSMISSION TUNNEL (HUMP)
- (29) SIDE FOOTWELL PANEL (KICKPANEL)
- (30) SILL

EXTERNAL

- (43) HOOD
- (44) OBJECT EXTERNAL TO PASSENGER
COMPARTMENT BUT PART
OF CASE VEHICLE
- (45) OUTSIDE SURFACE OF CASE VEHICLE
- (46) OTHER (*E.G. SPARE TIRE,
JACK. DESCRIBE.*)
- (49) UNKNOWN EXTERNAL OBJECT

GROUPED FOR MASSIVE INTRUSION INTO AN OCCUPANT SPACE

*USE ONLY IF ALL THESE COMPONENTS
INTRUDED INTO A SINGLE OCCUPANT SPACE.*

- | | |
|------------------------|-------------------------|
| (50) WINDSHIELD HEADER | (60) ROOF |
| A-PILLAR | ROOF RAIL |
| ROOF SIDE RAIL | A-PILLAR |
| | B-PILLAR |
| | C-PILLAR |
| (51) INSTRUMENT PANEL | WINDOW FRAME |
| A-PILLAR | DOOR PANEL |
| DOOR PANEL | FLOOR PAN |
| (52) INSTRUMENT PANEL | (61) INSTRUMENT PANEL |
| A-PILLAR | TOE PAN |
| WINDSHIELD HEADER | WINDSHIELD HEADER |
| (53) DOOR PANEL | A-PILLAR |
| B-PILLAR | ROOF RAIL |
| ROOF RAIL | WINDOW FRAME |
| (54) DOOR PANEL | DOOR PANEL |
| A-PILLAR | ROOF |
| ROOF RAIL | (62) ROOF |
| (55) INSTRUMENT PANEL | ROOF RAIL |
| FLOOR PAN | C-PILLAR |
| A-PILLAR | WINDOW FRAME |
| DOOR FRAME | FLOOR PAN |
| (56) ROOF RAIL | SECOND SEAT |
| A-PILLAR | DOOR PANEL |
| B-PILLAR | (63) ROOF RAIL |
| WINDOW FRAME | ROOF |
| (57) ROOF RAIL | B-PILLAR |
| A-PILLAR | WINDOW FRAME |
| B-PILLAR | FLOOR PAN |
| C-PILLAR | DOOR PANEL |
| DOOR PANEL | SECOND SEAT |
| (58) ROOF | FRONT SEAT |
| ROOF RAIL | (64) ROOF RAIL |
| WINDOW FRAME | ROOF OR CONVERTIBLE TOP |
| DOOR PANEL | A-PILLAR |
| (59) BACKLIGHT HEADER | B-PILLAR |
| ROOF | WINDOW FRAME |
| C-PILLAR | WINDOW HEADER |
| THIRD SEAT-BACK | (65) WINDSHIELD |
| | WINDSHIELD HEADER |
| | ROOF SIDE RAIL |
| | (66) WINDSHIELD |
| | WINDSHIELD HEADER |
| | A-PILLAR |
| | (98) NOT APPLICABLE |
| | (99) UNKNOWN |

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 1
9 10 11 12

INTRUSION IT-5

WAS THERE OCCUPANT COMPARTMENT INTRUSION? 1
13

WAS INTRUSION CATASTROPHIC? 0
14

- (0) NO DO NOT ANSWER NEXT QUESTION. SKIP PAGE.
(1) YES ANSWER NEXT QUESTION.
(9) UNKNOWN SKIP PAGE.

- (0) NO COMPLETE PAGE.
(1) YES SKIP PAGE.

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 2
9 10 11 12

NOTE: Each line in the table below is a separate record (card). Duplicate columns 1 - 12 for each completed line.

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4

OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 1</u>	<u>1 1</u>	<u>0 1</u>	<u>1</u>	<u>2 7</u>	<u>0 0</u>	<u>0 0</u>	<u>0 1</u>	<u>0 1</u>	<u>0 1</u>	<u>0 2</u>
<u>0 2</u>	<u>1 2</u>	<u>0 1</u>	<u>1</u>	<u>4 4</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 3</u>	<u>1 3</u>	<u>0 8</u>	<u>1</u>	<u>7 7</u>	<u>1 9</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 4</u>	<u>1 3</u>	<u>0 1</u>	<u>1</u>	<u>7 1</u>	<u>3 3</u>	<u>0 0</u>	<u>0 2</u>	<u>1 7</u>	<u>0 2</u>	<u>1 6</u>
<u>0 5</u>	<u>1 3</u>	<u>0 7</u>	<u>1</u>	<u>1 9</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 6</u>	<u>1 3</u>	<u>1 5</u>	<u>1</u>	<u>0 0</u>	<u>0 0</u>	<u>0 3</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>
<u>0 7</u>	<u>2 1</u>	<u>0 9</u>	<u>2</u>	<u>0 0</u>	<u>2 7</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>	<u>0 0</u>

NOTE: USE ADDITIONAL PAGE IF MORE THAN 7 INTRUSIONS.

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 3
9 10 11 12

NOTE: IF NO SIDE DOOR INTRUSION,
SKIP REMAINDER OF PAGE.

**SIDE DOOR INTRUSION
RESULTED FROM**

INTRUSION
NUMBER CAUSE

CODES
FOR CAUSE:

0 7 1
13 15 (1) DIRECT
16 18 IMPACT
19 21 (2) INDUCED
(9) UNKNOWN DAMAGE

**IF DAMAGE TO DOOR COMPONENT RESULTED IN INCREASED
DOOR INTRUSION, CODE COMPONENT**

INTRUSION
NUMBER

DAMAGED
COMPONENT 1

DAMAGED
COMPONENT 2

CODES
FOR COMPONENTS

A 0 7
22 23

3

7
25

B —
26 27

—
29

C —
30 31

—
33

D —
34 35

—
37

- (0) NONE
(1) A-PILLAR
(2) B-PILLAR
(3) C-PILLAR
(4) LATCH/STRIKER
(5) HINGES
(7) OTHER: Roof
Side Rail
(8) NOT APPLICABLE
(9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module 1 T Format 0 2
9 10 11 12

INTRUSION IT-6

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

- ADDITIONAL PAGE -

INTRUSIONS CODE INTRUSIONS IN THIS ORDER: LEFT TO RIGHT ON ROW; FRONT TO BACK IN VEHICLES.
CODES FOR B, F, G, H, I, J ON PAGE IT-3
CODES FOR C ON PAGE IT-4 OCCUPANT CONTACT AND INJURY

A	B	C	D	E	F	G	H	I	J	K
INTRUSION NUMBER	OCC. SPACE NO.	INTRUDING COMPONENT OR OBJECT	ASSOC. EVENT NO.	MAXIMUM INTRUSION X AXIS (cm)	MAXIMUM INTRUSION Y AXIS (cm)	MAXIMUM INTRUSION Z AXIS (cm)	OCCUPANT NUMBER	INJURY NUMBER	OCCUPANT NUMBER	INJURY NUMBER
13-14	15-16	17-18	19	20-21	22-23	24-25	26-27	28-29	30-31	32-33
<u>0 8</u>	<u>31</u>	<u>14</u>	<u>2</u>	<u>00</u>	<u>30</u>	<u>00</u>	<u>00</u>	<u>00</u>	<u>00</u>	<u>00</u>
<u>0 9</u>	<u>31</u>	<u>12</u>	<u>2</u>	<u>00</u>	<u>30</u>	<u>00</u>	<u>00</u>	<u>00</u>	<u>00</u>	<u>00</u>
<u>1 0</u>	---	---	---	---	---	---	---	---	---	---
<u>1 1</u>	---	---	---	---	---	---	---	---	---	---
<u>1 2</u>	---	---	---	---	---	---	---	---	---	---
<u>1 3</u>	---	---	---	---	---	---	---	---	---	---
<u>1 4</u>	---	---	---	---	---	---	---	---	---	---
<u>1 5</u>	---	---	---	---	---	---	---	---	---	---
<u>1 6</u>	---	---	---	---	---	---	---	---	---	---
<u>1 7</u>	---	---	---	---	---	---	---	---	---	---
<u>1 8</u>	---	---	---	---	---	---	---	---	---	---
<u>1 9</u>	---	---	---	---	---	---	---	---	---	---
<u>2 0</u>	---	---	---	---	---	---	---	---	---	---
<u>2 1</u>	---	---	---	---	---	---	---	---	---	---
<u>2 2</u>	---	---	---	---	---	---	---	---	---	---
<u>2 3</u>	---	---	---	---	---	---	---	---	---	---
<u>2 4</u>	---	---	---	---	---	---	---	---	---	---
<u>2 5</u>	---	---	---	---	---	---	---	---	---	---

Duplicate columns 1-8
from the previous card.

Module 1 D Format 0 1
9 10 11 12

INTERIOR DAMAGE

ID-1

CODES:

- (0) NO
(1) YES
(3) NO, and OCCUPANT CONTACT

- (4) YES, and OCCUPANT CONTACT
(8) NOT APPLICABLE
(9) UNKNOWN

	LEFT	RIGHT				
SIDES			FRONT			INSTRUMENT PANEL
FRONT DOOR	<u>0</u> 13	<u>1</u> 14	FOOT CONTROLS	<u>0</u> 45		UPPER PANEL
FRONT HARDWARE	<u>0</u> 15	<u>1</u> 16	IGNITION KEYS	<u>0</u> 46		MID PANEL
FRONT ARMREST	<u>0</u> 17	<u>1</u> 18	REAR VIEW MIRROR	<u>1</u> 47		LOWER PANEL
FRONT GLASS	<u>0</u> 19	<u>1</u> 20	SUNVISOR/FITTINGS	<u>0</u> 48		ASHTRAY
REAR DOOR AREA	<u>1</u> 21	<u>1</u> 22	(5) LEFT SIDE ONLY (6) RIGHT SIDE ONLY (7) BOTH SIDES			CONTROL KNOBS & LEVERS
REAR HARDWARE	<u>0</u> 23	<u>1</u> 24	WINDSHIELD TOP MOLDINGS	<u>1</u> 49		GLOVE COMPARTMENT AREA
REAR ARMREST	<u>1</u> 25	<u>1</u> 26	LEFT A-PILLAR (UPPER OR LOWER)	<u>0</u> 50		INSTRUMENTS
REAR GLASS	<u>1</u> 27	<u>1</u> 28	RIGHT A-PILLAR (UPPER OR LOWER)	<u>1</u> 51		PARKING BRAKE RELEASE
ROOF SIDE RAIL	<u>1</u> 29	<u>1</u> 30	<u> </u>	<u>8</u> 52		PARKING BRAKE PEDAL
B-PILLAR	<u>0</u> 31	<u>1</u> 32	CENTER CONSOLE	<u>0</u> 53		A/C OR UPPER VENT OUTLETS
C-PILLAR	<u>1</u> 33	<u>1</u> 34	TRANSMISSION SELECTOR LEVER	<u>0</u> 54		HEATER OR A/C DUCTS
D-PILLAR	<u>0</u> 35	<u>0</u> 36	RIM, HORN, SPOKE			RADIO
HEADLINING	<u>1</u> 37	<u>1</u> 38				OTHER: * <u> </u>
ROOF STRUCTURE	<u>1</u> 39	<u>1</u> 40				<u> </u>
T-ROOF/SUN ROOF	<u>8</u> 41	<u>8</u> 42				
OTHER: * <u> </u>	<u>8</u> 43	<u>8</u> 44				
						REAR
						WINDOW
						WINDOW HEADER
						CONSOLES
						VERTICAL
						ROOF

* MORE THAN ONE ITEM MAY BE NOTED.

Duplicate columns 1-8
from the previous card.

Module S T Format 0 2
9 10 11 12

SEATS

ST-1

FRONT SEAT	DRIVER	PASSENGER	FRONT SEAT-BACK	DRIVER	PASSENGER
TYPE OF FRONT SEAT (00) NO SEAT (01) STANDARD BENCH (02) SPLIT BACK, 50-50 (03) SPLIT BACK, DRIVER WIDE (04) SPLIT BACK, PASS. WIDE (05) BUCKET (06) CAPTAIN'S CHAIR (07) INDIV. BENCH, 50-50 (08) INDIV. BENCH, DRIVER WIDE (09) INDIV. BENCH, PASS. WIDE (97) OTHER: _____ (99) UNKNOWN	05 13 14	05 15 16	SEAT-BACK TYPE (1) FORWARD FOLDING (2) RIGID (3) RECLINING (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	3 30	3 31
TYPE OF SEAT MOUNT (1) STANDARD (2) PEDESTAL (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	1 17	1 18	SEAT-BACK LOCK TYPE (0) NONE (1) MANUAL (2) INERTIA (3) POWER (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	1 32	1 33
SWIVEL MECHANISM EQUIPPED (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	0 19	0 20	LOCKS HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	1 34	1 35
ORIGINAL EQUIPMENT SEATS (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	1 21	1 22	RECLINER MECHANISM HELD (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	1 36	1 37
CONTACT OF SEAT BY REAR OCCUPANT (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	8 23	8 24			
FRONT SEAT DAMAGE (0) NONE (1) BACKREST ONLY DAMAGED (2) CUSHION ONLY DAMAGED (3) BACKREST & CUSHION DAMAGED (8) NOT APPLICABLE (9) UNKNOWN	0 25	3 26	HEAD RESTRAINT HEAD RESTRAINT TYPE (0) NONE (1) ADJUSTABLE (2) INTEGRAL (3) NOT INTEGRAL, BUT CANNOT BE REMOVED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN	2 38	2 39
CENTER ARMREST DAMAGED (0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	0 27		REMOVED PRE-CRASH (0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	8 40	8 41
FRONT SEAT ROTATION (0) NONE APPARENT (1) FORWARD APPARENT (2) REARWARD APPARENT (3) LEFT APPARENT (4) RIGHT APPARENT (5) MULTIPLE ROTATIONS SPECIFY _____ (8) NOT APPLICABLE (9) UNKNOWN	0 28	3 29	ADJUSTMENT AT CRASH (1) UP (2) DOWN (8) NOT APPLICABLE (9) UNKNOWN	8 42	8 43
			HEAD RESTRAINT DAMAGE (0) NONE (1) DAMAGED BUT NOT SEPARATED (2) SEPARATED (8) NOT APPLICABLE (9) UNKNOWN	0 44	0 45

FRONT SEAT ADJUSTMENT		DRIVER	PASSENGER	SECOND SEAT (CONT.)	
SEAT ADJUSTMENT TYPE				CENTER ARMREST DAMAGED	
(0) NONE (RIGID) (1) MANUAL (2) POWER (7) OTHER: _____ (8) NOT APPLICABLE (NO SEAT) (9) UNKNOWN		<u>1</u> 46	<u>1</u> 47	(0) NO (1) YES (7) EQUIPPED, DAMAGE UNKNOWN (8) NOT APPLICABLE (NO CENTER ARMREST) (9) UNKNOWN IF EQUIPPED	
ADJUSTMENT PROVIDED		<u>1</u> 48	<u>1</u> 49	SECOND SEAT-BACK	
(1) 2-WAY (2) 4-WAY (3) 6-WAY (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN				LEFT	RIGHT
SEAT ADJUSTER DAMAGE				LOCKS	
(0) NONE (1) CHUCKING (FREE PLAY) (2) DEFORMED (RELEASED/JAMMED) (3) SEPARATED (7) OTHER: _____ (8) NOT APPLICABLE (9) UNKNOWN		<u>0</u> 50	<u>2</u> 51	FOR THE FOLLOWING, USE:	
SEAT ADJUSTER SEPARATION				(0) NO (1) YES (8) NOT APPLICABLE (9) UNKNOWN	
(0) NONE (1) SEPARATED AT FLOOR (2) SEPARATION OF ADJUSTER (3) SEPARATED AT SEAT (8) NOT APPLICABLE (9) UNKNOWN		<u>8</u> 52	<u>0</u> 53	LEFT OR CENTER, EQUIPPED	
PRE-CRASH POSITION				<u>1</u> 61	<u>0</u> 62
(1) FORWARD (2) MIDDLE (3) REARWARD (8) NOT APPLICABLE (9) UNKNOWN		<u>3</u> 54	<u>2</u> 55	LEFT OR CENTER, HELD	
				<u>1</u> 63	<u>8</u> 64
				(3) SEAT FOLDED DOWN	
				RIGHT, EQUIPPED	
				<u>0</u> 65	<u>1</u> 66
				RIGHT, HELD	
				<u>1</u> 67	<u>1</u> 68
				(3) SEAT FOLDED DOWN	
SECOND SEAT		LEFT	RIGHT	THIRD SEAT	
TYPE OF SECOND SEAT				EQUIPPED	
- (0) NONE (1) NON-FOLDING (2) FOLDING (3) CAPTAIN'S CHAIR (4) JUMP SEAT - (5) INTEGRAL CHILD SEAT (6) LUGGAGE AREA ACCESS PANEL (9) UNKNOWN		<u>2</u> 56	<u>2</u> 57	<u>1</u> 69	<u>1</u> 70
SECOND SEAT DAMAGE				BACKREST DAMAGED	
(0) NONE (1) BACKREST ONLY (DAMAGED OR LOOSENED) (2) CUSHION ONLY (DAMAGED OR LOOSENED) (3) BACKREST & CUSHION (DAMAGED OR LOOSENED) (4) INTEGRAL CHILD SEAT (PRIORITY CODE) (5) LUGGAGE AREA ACCESS PANEL (DAMAGED OR LOOSENED) (8) NOT APPLICABLE (9) UNKNOWN		<u>1</u> 58	<u>0</u> 59	<u>0</u> 71	<u>0</u> 72
				CUSHION DAMAGED	
				<u>0</u> 73	<u>0</u> 74
				VEHICLE EQUIPPED WITH REAR HEAD RESTRAINTS	
				(0) NOT EQUIPPED (OR REMOVED) (1) EQUIPPED (2) EQUIPPED & DAMAGED (8) NOT APPLICABLE (NO REAR SEAT) (9) UNKNOWN	
				Applies to any rear-seat position	
				<u>1</u> 75	

Duplicate columns 1-8
from the previous card.

Module A B Format 0 1
9 10 11 12

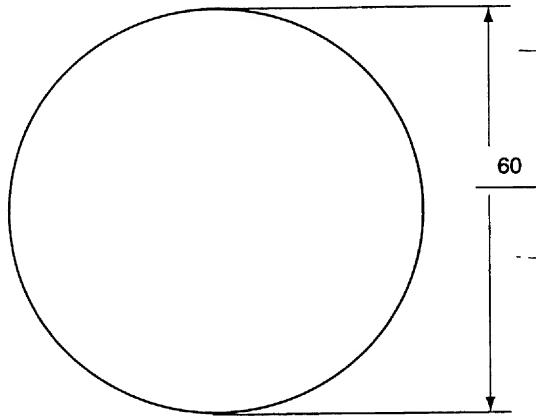
AIRBAG AB-1

<p>DRIVER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 13</p> <p><u>1</u> 14</p>	<p>PASSENGER SIDE</p> <p>LOCATION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>EQUIPPED</p> <p>(0) NO (1) YES (4) PRIOR DEPLOYMENT NOT REINSTALLED (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>DEPLOYED</p> <p>(0) NO (1) YES (2) PARTIAL/IMPROPER DEPLOYMENT (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 16</p> <p><u>1</u> 17</p>
<p>CONDITION OF AIRBAG</p> <p>STEERING WHEEL</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>0</u> 15</p>	<p>CONDITION OF AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>(0) NO DAMAGE (2) SPLIT OR TORN (3) CUT DURING CRASH (4) BURNED/MELTED (5) CUT POST CRASH (6) OTHER (7) DAMAGED, CONDITION UNKNOWN (8) NOT APPLICABLE (NOT EQUIPPED/NOT DEPLOYED) (9) UNKNOWN IF EQUIPPED OR CONDITION</p>	<p><u>5</u> 18</p>
<p>DRIVER SIDE</p> <p>AIRBAG</p> <p>STEERING WHEEL</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>0</u> 19</p> <p><u>0</u> 20</p>	<p>PASSENGER SIDE</p> <p>AIRBAG</p> <p>INSTRUMENT PANEL (GLOVE BOX)</p> <p>TETHER</p> <p>(0) NO (1) YES (6) OTHER (7) UNKNOWN IF TETHERED (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN IF AIRBAG EQUIPPED</p> <p>MARKED BY CONTACT</p> <p>(0) NO (1) YES (8) NOT APPLICABLE (NO AIRBAG) (9) UNKNOWN</p>	<p><u>1</u> 21</p> <p><u>0</u> 22</p>

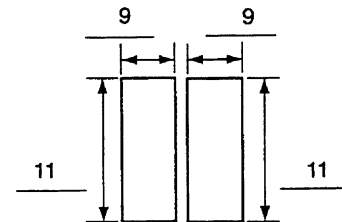
AIRBAG NUMBER ON DRIVER SIDE:

[Redacted]
Town

Driver Airbag



Driver Airbag Doors



I-Pattern

Vents: ☒ Y ☐ N
if yes, how many: 2
At 3 and 9 o'clock

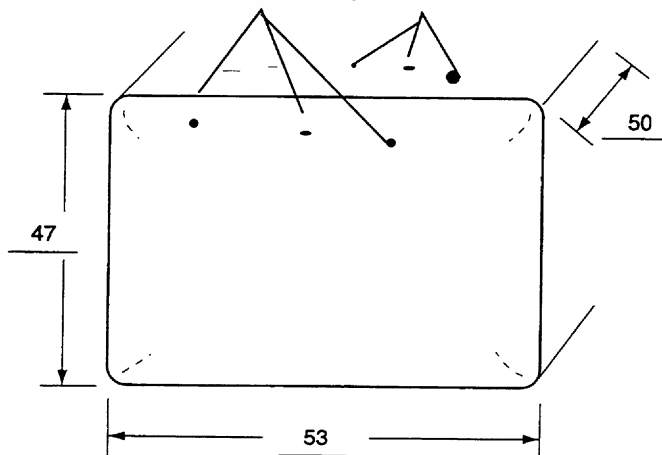
Tethers: Y ☒ N
if yes, how many: _____

AIRBAG NUMBER ON PASSENGER SIDE:

No Number Found

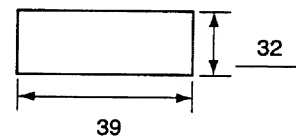
Passenger Airbag

Multiple small holes in airbag fabric from broken windshield glass



Passenger Airbag Door

Single Door



Vents: ☒ Y ☐ N
if yes, how many: 2
at 3 and 9 o'clock

Tethers: ☒ Y ☐ N
if yes, how many: 2

NOTE TO THE INVESTIGATOR:

THE FOLLOWING TWO SECTIONS,
OCCUPANT INFORMATION AND INJURY CLASSIFICATION,
ARE TO BE FILLED IN
FOR EACH CASE VEHICLE OCCUPANT,
WHETHER INJURED OR NOT.

IF THERE IS MORE THAN ONE OCCUPANT,
USE ADDITIONAL COPIES
OF PAGES OC-1, OC-2, OC-3,
AND IC-2 TO DESCRIBE THEM
AND ATTACH THE COPIES TO THIS REPORT.

Duplicate columns 1-8
from the previous card.

Module 0 C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

01
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
- (2) MOTOR VEHICLE PASSENGER
(NOT DRIVER)
- (9) UNKNOWN

1
15

OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
- (2) SECOND
- (3) THIRD
- (4) FOURTH
- (7) OTHER: _____
- (8) EXTERNAL TO PASSENGER
COMPARTMENT (E.G. BED OF PICKUP)
- (9) UNKNOWN

1
16

LATERAL LOCATION

- (1) LEFT
- (2) LEFT CENTER
- (3) CENTER
- (4) RIGHT CENTER
- (5) RIGHT
- (6) ALL (LYING ON SEAT)
- (8) EXTERNAL TO PASSENGER
COMPARTMENT
- (9) UNKNOWN

1
17

POSTURE

- (10) SITTING ON SEAT
- (11) SITTING ON SEAT IN ABNORMAL
POSITION (E.G. FEET ON DASH,
SIDEWAYS)
- (12) SITTING ON CONSOLE
- (20) ON LAP OR IN ARMS
- (30) STANDING ON SEAT
- (40) STANDING ON FLOOR
- (47) STANDING, EXTERNAL TO
PASSENGER COMPARTMENT
- (50) IN BASSINET
- (60) IN CHILD SEAT
- (65) IN CHILD HARNESS
- (70) LYING ON SEAT
- (80) LYING/SITTING ON PASSENGER
FLOOR
- (83) LYING/SITTING ON OTHER
OBJECT IN PASSENGER
COMPARTMENT: _____
- (85) ON CARGO FLOOR/FOLDED
SEAT-BACK
- (87) LYING/SITTING, EXTERNAL TO
PASSENGER COMPARTMENT
- (97) OTHER: _____
- (99) UNKNOWN

10
18 19

PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
- (98) 98 YEARS OR OLDER
- (99) UNKNOWN

18
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
- (25) 25 MONTHS OR OLDER
- (99) UNKNOWN

25
22 23

MASS (kg)

- (999) UNKNOWN

(160 lb)

073
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

(5 ft, 11 in)

180
27 28 29

SEX

- (1) MALE
- (2) FEMALE
- (9) UNKNOWN

1
30

MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
- (01) FIRST AID AT SCENE
- (02) TREATED AT HOSPITAL/CLINIC
BUT NOT ADMITTED
- (03) HOSPITALIZED FOR OBSERVATION
LESS THAN 24 HOURS
- (04) HOSPITALIZED OVER 24 HOURS
OR FOR SIGNIFICANT TREATMENT
- (05) FATAL, DEAD AT SCENE
- (06) FATAL, DOA
- (07) FATAL, DEAD WITHIN 24 HOURS
- (08) FATAL, DEAD 24 HOURS TO
31 DAYS LATER
- (09) FATAL, DEAD 31 DAYS TO
1 YEAR LATER
- (10) FATAL DEAD WITHIN UNKNOWN
PERIOD
- (99) UNKNOWN

01
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

01
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
- (1) YES, TIME & TYPE UNKNOWN
- (2) PRE-CRASH FATAL (CLINICAL
DEATH AT WHEEL)
- (3) PRE-CRASH NON-FATAL (E.G.
PRIOR INJURY, STROKE)
- (4) PREGNANT
- (5) POST-CRASH FATAL (DROWNING)
- (6) POST-CRASH NON-FATAL INJURY
- (7) OTHER: _____
- (8) COMBINATION OF ABOVE
(CIRCLE EACH)
- (9) UNKNOWN

0
35

OCCUPANT INFORMATION OC-2

OCCUPANT INFORMATION OC-2			
MEDICAL CONDITIONS (CONT.) POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT (0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN	<div>0</div> <div>36</div>	CHILD SEAT TYPE (00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN CHILD SEAT MAKE/MODEL _____ _____ _____	<div>88</div> <div>41 42</div>
RESTRAINT SYSTEM ACTIVE RESTRAINT SYSTEM (0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN ACTIVE RESTRAINT SYSTEM USAGE (0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN PASSIVE RESTRAINT SYSTEM (0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN PASSIVE RESTRAINT SYSTEM USAGE (0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN	<div>3</div> <div>37</div> <div>3</div> <div>38</div> <div>1</div> <div>39</div> <div>2</div> <div>40</div>	EJECTION DEGREE OF EJECTION (0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED AREA OF EJECTION (01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED	<div>0</div> <div>43</div> <div>98</div> <div>44 45</div>
IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW: _____ _____ _____ _____			
		HEAD RESTRAINT HEAD RESTRAINT AVAILABLE FOR THIS POSITION (0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN	<div>1</div> <div>46</div>

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

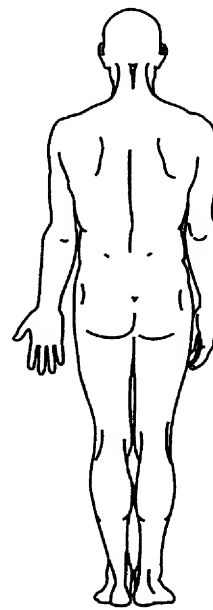
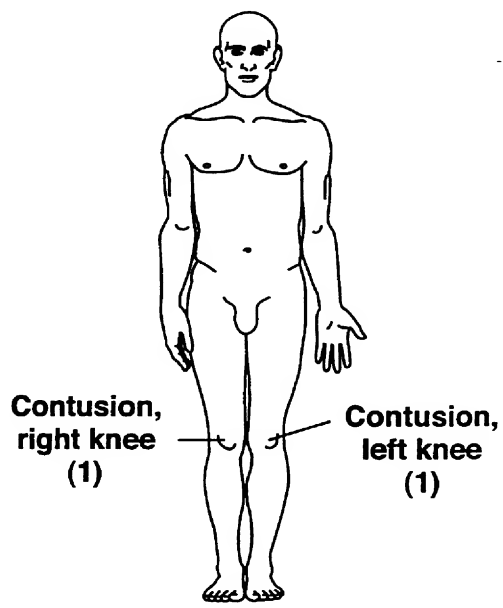
0
47

SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER _____
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

7
48

INDICATE LOCATION OF INJURIES.



INJURY CLASSIFICATION IC-1

OCCUPANT INJURY CLASSIFICATION

Duplicate "Occupant Number" for each line.

INJURY CLASSIFICATION IC-2

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (*SPECIFIC AREA UNKNOWN*)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (*INSTRUMENT PANEL*)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (09) STEERING ASSEMBLY (*SPECIFIC AREA UNKNOWN*)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (*SPECIFIC AREA UNKNOWN*)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (*FRONT*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (*BUILT IN*)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (*LOCATION UNK.*)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (*LOCATION UNKNOWN*)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (*AIRBAG*)
- (47) AIRBAG (*ACRS*) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (*FROM ANY SOURCE*)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK

- (22) WINDOW GLASS (*SIDE*)
- (21) WINDOW FRAMES (*SIDE*)

- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

-FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (*INCL. PARKING BRAKE PEDAL*)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (*SPECIFIC AREA UNKNOWN*)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (*SPECIFIC AREA UNK.*)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (*E.G. OUTSIDE MIRRORS, ANTENNA, TRIM*)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (*NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.*)

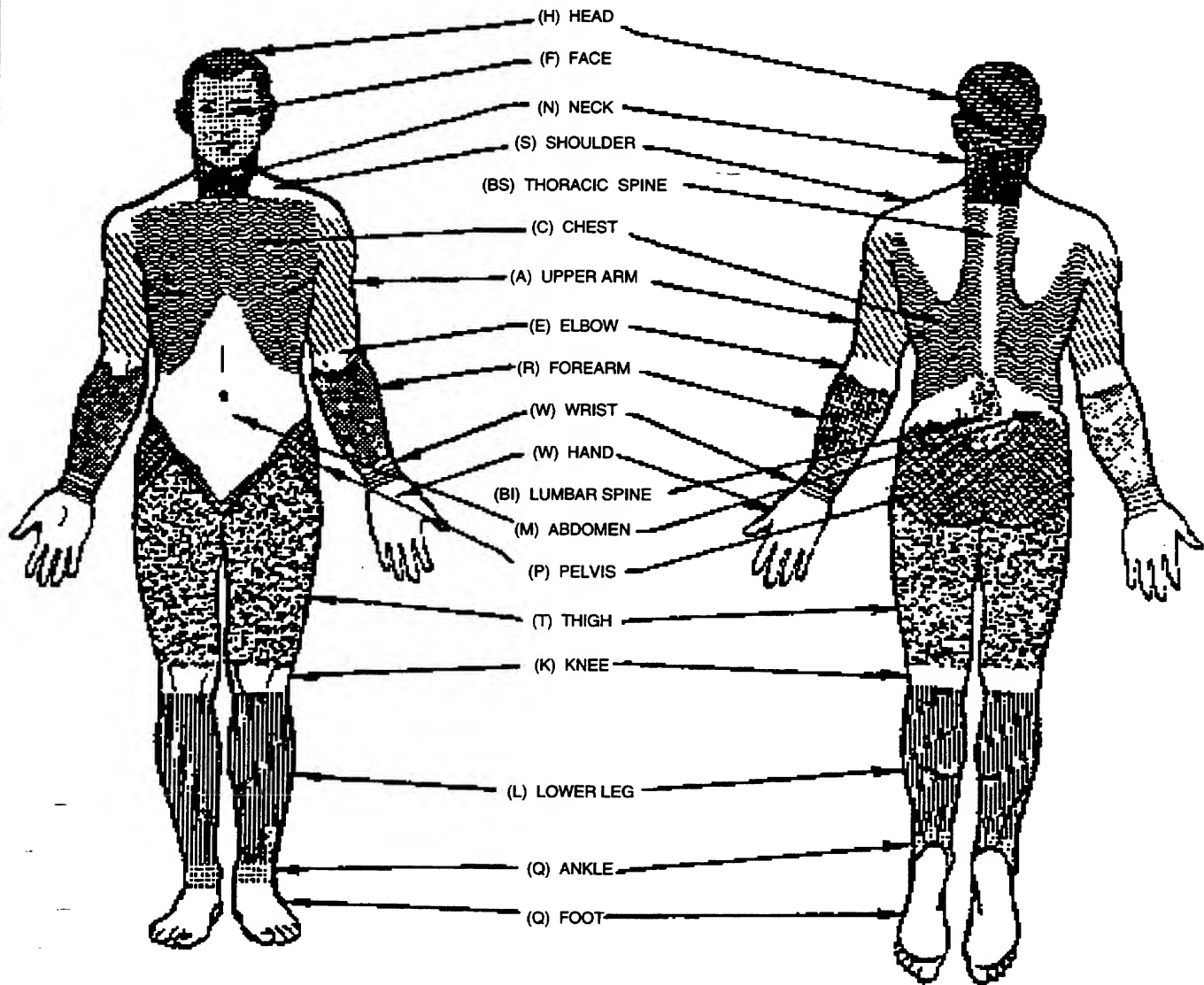
PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (*DESCRIBE*)

MISCELLANEOUS

- (00) NO CONTACT (*INVALID FIELD FORM CODE*)
- (38) OTHER (*E.G. FIRE. DESCRIBE*)
- (90) SPARE TIRE
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

THE FIGURE BELOW
IS AN EXPLANATION OF THE BODY REGION CODES
LISTED ON PAGE IC - 4.



INJURY CLASSIFICATION IC-4

CODES FOR OCCUPANT INJURY CLASSIFICATION (OIC)

1 BODY REGION

(H) HEAD/SKULL
 (F) FACE
 (N) NECK
 (S) SHOULDER
 (X) UPPER EXTREMITIES
 (A) ARM (UPPER)
 (E) ELBOW
 (R) FOREARM
 (W) WRIST/HAND
 (C) CHEST
 (M) ABDOMEN
 (B) BACK
 (P) PELVIC/HIP
 (Y) LOWER EXTREMITIES
 (T) THIGH
 (K) KNEE
 (L) LEG (LOWER)
 (Q) ANKLE/FOOT
 (O) WHOLE BODY
 (U) UNKNOWN

3 LESION

(L) LACERATION
 (C) CONTUSION
 (A) ABRASION
 (F) FRACTURE
 (P) PERFORATION, PUNCTURE
 (K) CONCUSSION
 (V) AVULSION
 (R) RUPTURE
 (S) SPRAIN
 (D) DISLOCATION
 (N) CRUSH
 (M) AMPUTATION
 (B) BURN
 (G) DETACHMENT, SEPARATION
 (Z) FRACTURE AND DISLOCATION
 (T) STRAIN
 (E) TOTAL SEVERANCE, TRANSECTION
 (O) OTHER
 (U) UNKNOWN

4 SYSTEM/ORGAN

(S) SKELETAL
 (V) VERTEBRAE
 (J) JOINTS
 (D) DIGESTIVE
 (L) LIVER
 (N) NERVOUS SYSTEM
 (B) BRAIN
 (C) SPINAL CORD
 (E) EARS
 (O) EYES
 (A) ARTERIES
 (H) HEART
 (Q) SPLEEN
 (G) UROGENITAL
 (K) KIDNEYS
 (R) RESPIRATORY
 (P) PULMONARY/LUNGS
 (M) MUSCLES
 (T) THYROID, OTHER ENDOCRINE GLAND
 (I) INTEGUMENTARY (SKIN)
 (W) ALL SYSTEMS IN REGION
 (U) UNKNOWN

2 ASPECT

(R) RIGHT
 (L) LEFT
 (B) BILATERAL
 (C) CENTRAL
 (A) ANTERIOR/FRONT
 (P) POSTERIOR/BACK
 (S) SUPERIOR/UPPER
 (I) INFERIOR/LOWER
 (W) WHOLE REGION
 (U) UNKNOWN

BODY REGION	ASPECT	LESION	SYSTEM/ORGAN	SEVERITY
1	2	3	4	5

5 SEVERITY
(OR "AIS", ABBREVIATED INJURY SCALE)

(0) NONE
 (1) MINOR
 (2) MODERATE
 (3) SERIOUS
 (4) SEVERE
 (5) CRITICAL
 (6) MAXIMUM
 (9) UNKNOWN

Duplicate columns 1-8
from the previous card.

Module Q C Format 0 2
9 10 11 12

OCCUPANT INFORMATION OC-1

OCCUPANT IDENTIFICATION

OCCUPANT NUMBER

02
13 14

ROLE OF OCCUPANT AT 1ST IMPACT

- (1) MOTOR VEHICLE DRIVER
(2) MOTOR VEHICLE PASSENGER
(NOT DRIVER)
(9) UNKNOWN

2
15

PHYSICAL DESCRIPTION

AGE IN YEARS

- (00) LESS THAN 1 YEAR
(98) 98 YEARS OR OLDER
(99) UNKNOWN

17
20 21

AGE IN MONTHS

- (00) LESS THAN 1 MONTH
(25) 25 MONTHS OR OLDER
(99) UNKNOWN

25
22 23

MASS (kg)

- (999) UNKNOWN

(164 lb)

074
24 25 26

HEIGHT (cm)

- (999) UNKNOWN

(5ft, 5in)

165
27 28 29

SEX

- (1) MALE
(2) FEMALE
(9) UNKNOWN

1
30

OCCUPANT POSITION

ROW LOCATION

- (1) FRONT
(2) SECOND
(3) THIRD
(4) FOURTH
(7) OTHER: _____
(8) EXTERNAL TO PASSENGER
COMPARTMENT (E.G. BED OF PICKUP)
(9) UNKNOWN

1
16

LATERAL LOCATION

- (1) LEFT
(2) LEFT CENTER
(3) CENTER
(4) RIGHT CENTER
(5) RIGHT
(6) ALL (LYING ON SEAT)
(8) EXTERNAL TO PASSENGER
COMPARTMENT
(9) UNKNOWN

5
17

POSTURE

- (10) SITTING ON SEAT
(11) SITTING ON SEAT IN ABNORMAL
POSITION (E.G. FEET ON DASH,
SIDEWAYS)
(12) SITTING ON CONSOLE
(20) ON LAP OR IN ARMS
(30) STANDING ON SEAT
(40) STANDING ON FLOOR
(47) STANDING, EXTERNAL TO
PASSENGER COMPARTMENT
(50) IN BASSINET
(60) IN CHILD SEAT
(65) IN CHILD HARNESS
(70) LYING ON SEAT
(80) LYING/SITTING ON PASSENGER
FLOOR
(83) LYING/SITTING ON OTHER
OBJECT IN PASSENGER
COMPARTMENT: _____
(85) ON CARGO FLOOR/FOLDED
SEAT-BACK
(87) LYING/SITTING, EXTERNAL TO
PASSENGER COMPARTMENT
(97) OTHER: _____
(99) UNKNOWN

11
18 19

MEDICAL CONDITIONS

TREATMENT/MORTALITY

- (00) NONE
(01) FIRST AID AT SCENE
(02) TREATED AT HOSPITAL/CLINIC
BUT NOT ADMITTED
(03) HOSPITALIZED FOR OBSERVATION
LESS THAN 24 HOURS
(04) HOSPITALIZED OVER 24 HOURS
OR FOR SIGNIFICANT TREATMENT
(05) FATAL, DEAD AT SCENE
(06) FATAL, DOA
(07) FATAL, DEAD WITHIN 24 HOURS
(08) FATAL, DEAD 24 HOURS TO
31 DAYS LATER
(09) FATAL, DEAD 31 DAYS TO
1 YEAR LATER
(10) FATAL DEAD WITHIN UNKNOWN
PERIOD
(99) UNKNOWN

04
31 32

INJURY SEVERITY SCORE (ISS)

- (99) UNKNOWN

22
33 34

NON-IMPACT MED. CONDITIONS

- (0) NONE
(1) YES, TIME & TYPE UNKNOWN
(2) PRE-CRASH FATAL (CLINICAL
DEATH AT WHEEL)
(3) PRE-CRASH NON-FATAL (E.G.
PRIOR INJURY, STROKE)
(4) PREGNANT
(5) POST-CRASH FATAL (DROWNING)
(6) POST-CRASH NON-FATAL INJURY
(7) OTHER: _____
(8) COMBINATION OF ABOVE
(CIRCLE EACH)
(9) UNKNOWN

0
35

OCCUPANT INFORMATION OC-2

<p>MEDICAL CONDITIONS (CONT.)</p> <p>POLICE INJURY SEVERITY CODE FOR THIS OCCUPANT</p> <p>(0) O - NO INJURY (1) C - POSSIBLE INJURY (2) B - NON-INCAPACITATING (3) A - INCAPACITATING INJURY (4) K - FATAL (5) INJURED, SEVERITY UNKNOWN (6) DIED PRIOR TO IMPACT (7) NON-FATAL INJURY, SEVERITY UNKNOWN (9) UNKNOWN</p>	<p><u>2</u> 36</p>	<p>CHILD SEAT TYPE</p> <p>(00) NONE USED (01) YES, USED (02) INTEGRAL, Chrysler Mini-van (88) NOT APPLICABLE (ADULT OR OLDER CHILD) (99) UNKNOWN</p> <p>CHILD SEAT MAKE/MODEL</p> <p>_____ _____ _____</p>	<p><u>8 8</u> 41 42</p>
<p>RESTRAINT SYSTEM</p> <p>ACTIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) LAP BELT (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (9) UNKNOWN</p> <p>ACTIVE RESTRAINT SYSTEM USAGE</p> <p>(0) NONE (AVAILABLE BUT NOT USED) (1) LAP BELT ONLY (2) SHOULDER HARNESS ONLY (3) BOTH LAP BELT & SHOULDER HARNESS (7) IMPROPER USAGE (8) NOT APPLICABLE (NONE AVAILABLE) (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM</p> <p>(0) NONE (1) AIRBAG INSTALLED (2) PASSIVE UPPER TORSO WITH KNEE BOLSTERS (3) PASSIVE UPPER TORSO WITHOUT KNEE BOLSTERS (4) PASSIVE LAP & UPPER TORSO (5) AIRBAG INSTALLED & PASSIVE RESTRAINT (7) OTHER: _____ (9) UNKNOWN</p> <p>PASSIVE RESTRAINT SYSTEM USAGE</p> <p>(0) SYSTEM DEFEATED (1) AIRBAG NOT DEPLOYED (2) AIRBAG DEPLOYED (3) AIRBAG NOT REINSTALLED (4) PASSIVE UPPER TORSO USED (5) PASSIVE LAP & UPPER TORSO USED (6) SYSTEM USED IN MANUAL MODE (7) IMPROPER USAGE (8) NOT APPLICABLE (NOT ORIGINALLY EQUIPPED) (9) UNKNOWN</p>	<p><u>3</u> 37</p> <p><u>0</u> 38</p> <p><u>1</u> 39</p> <p><u>2</u> 40</p>	<p>EJECTION</p> <p>DEGREE OF EJECTION</p> <p>(0) NONE (1) PARTIAL (2) COMPLETE (7) EJECTED, DEGREE UNKNOWN (9) UNKNOWN IF EJECTED</p> <p>AREA OF EJECTION</p> <p>(01) WINDOW, LEFT SIDE (02) WINDOW, RIGHT SIDE (03) WINDOW, REAR (04) DOOR, LEFT SIDE (05) DOOR, RIGHT SIDE (06) DOOR, REAR OR TAILGATE (07) WINDSHIELD (08) ROOF OR OPEN CONVERTIBLE OR FROM EXTERNAL AREA (96) EJECTED AREA UNKNOWN (97) OTHER AREA: _____ (98) NOT APPLICABLE (NOT EJECTED) (99) UNKNOWN IF EJECTED</p>	<p><u>0</u> 43</p> <p><u>9 8</u> 44 45</p>
<p>IF OCCUPANT WAS EJECTED, DESCRIBE IN DETAIL BELOW:</p> <p>_____ _____ _____ _____</p>	<p>HEAD RESTRAINT</p> <p>HEAD RESTRAINT AVAILABLE FOR THIS POSITION</p> <p>(0) NOT EQUIPPED OR REMOVED (1) EQUIPPED (9) UNKNOWN</p>	<p><u>1</u> 46</p>	

OCCUPANT INFORMATION OC-3

OCCUPANT EYEWEAR

- (0) NONE
- (1) GLASSES
- (2) CONTACTS
- (3) BOTH GLASSES AND CONTACTS
- (4) OTHER _____
- (8) NOT APPLICABLE
- (9) UNKNOWN

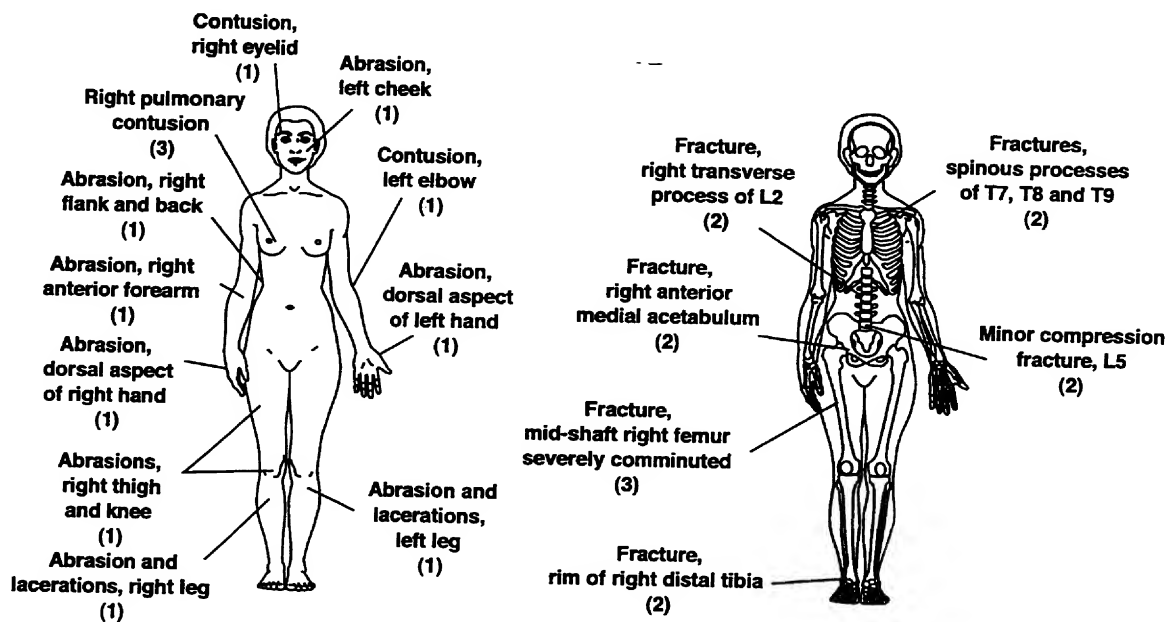
0
47

SOURCE OF INFORMATION

- (0) INTERVIEW
- (1) HOSPITAL
- (2) AUTOPSY
- (3) POLICE
- (4) OTHER _____
- (5) LAY CORONER/EXTERNAL EXAM
- (7) COMBINATION OF ABOVE (CIRCLE)
- (8) NOT APPLICABLE
- (9) UNKNOWN

7
48

INDICATE LOCATION OF INJURIES.



NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

[illegible]

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
- (02) GLOVE COMPARTMENT AREA
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (57) BENEATH INSTRUMENT PANEL
- (53) PARCEL TRAY
- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (09) STEERING ASSEMBLY (SPECIFIC AREA UNKNOWN)
- (65) STEERING WHEEL
- (66) STEERING WHEEL COLUMN
- (59) TRANSMISSION LEVER ON COLUMN
- (03) HARDWARE ITEM (SPECIFIC AREA UNKNOWN)
- (82) INSTRUMENT(S)
- (83) CONTROL KNOB(S) & LEVER(S) (FRONT)
- (84) PARKING BRAKE HANDLE IN FRONT
- (67) IGNITION KEY
- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
- (01) AIR CONDITIONING OR VENTILATION OUTLET(S)
- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (07) PARKING BRAKE HANDLE (LOCATION UNKNOWN)
- (84) PARKING BRAKE HANDLE IN FRONT
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (29) FRONT SEAT-BACK(S)
- (51) FRONT SEAT CUSHION
- (50) REAR SEAT CUSHION & BACK
- (49) ARMREST ON SEAT
- (89) UNDER SEAT BOTTOM
- (33) RESTRAINT SYSTEM HARDWARE
- (34) RESTRAINT SYSTEM WEBBING
- (87) AIR CUSHION SKIN (AIRBAG)
- (47) AIRBAG (ACRS) COMPARTMENT DOOR/COVER
- (46) AIRBAG GAS
- (48) KNEE RESTRAINT
- (30) HEAD RESTRAINT
- (42) CHILD SEAT RESTRAINTS
- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
- (26) ROOF SIDE RAIL
- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
- (85) PARKING BRAKE HANDLE ON FLOOR OR CONSOLE
- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE) *RE OCCUPANTS*
- (90) SPARE TIRE *OWN LEFT LG*
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT

Duplicate columns 1-8
from the previous card.

Module 1 C Format 0 1
9 10 11 12

INJURY CLASSIFICATION IC-1

NOTE: Each line in the table below is a separate record (card).
Duplicate columns 1 - 12 for each completed line.

OCCUPANT INJURY CLASSIFICATION

					PRIMARY OIC					ASSOCIATED OIC					COMMENTS
OCCUPANT NUMBER	INJURY NUMBER	PLACE CONTACTS IN ORDER OF PROBABILITY (HORIZONTALLY). START WITH MOST PROBABLE IN 1ST CONTACT AREA COLUMN.		AREA(S) OF POSSIBLE CONTACT 1ST 2ND	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	BODY REGION 1	ASPECT 2	LESION 3	SYSTEM/ORGAN 4	SEVERITY 5	
		13-14	15-16												
<u>02</u>	<u>01</u>	<u>87</u>	<u>---</u>		<u>F</u>	<u>R</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>02</u>	<u>87</u>	<u>---</u>		<u>F</u>	<u>L</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>03</u>	<u>20</u>	<u>---</u>		<u>C</u>	<u>R</u>	<u>C</u>	<u>P</u>	<u>3</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>04</u>	<u>38</u>	<u>---</u>	<u>Hea own</u> <u>Left Leg</u>	<u>Q</u>	<u>R</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>05</u>	<u>98</u>	<u>---</u>		<u>B</u>	<u>S</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>T7</u>
	<u>06</u>	<u>98</u>	<u>---</u>		<u>B</u>	<u>S</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>T8</u>
	<u>07</u>	<u>98</u>	<u>---</u>		<u>B</u>	<u>S</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>T9</u>
	<u>08</u>	<u>98</u>	<u>---</u>		<u>B</u>	<u>I</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>L2</u>
	<u>09</u>	<u>02</u>	<u>---</u>		<u>E</u>	<u>L</u>	<u>C</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>10</u>	<u>99</u>	<u>---</u>		<u>R</u>	<u>R</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>11</u>	<u>29</u>	<u>51</u>		<u>B</u>	<u>I</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>12</u>	<u>29</u>	<u>51</u>		<u>R</u>	<u>R</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>13</u>	<u>56</u>	<u>02</u>		<u>B</u>	<u>I</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>L5</u>
	<u>14</u>	<u>99</u>	<u>---</u>		<u>W</u>	<u>R</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>15</u>	<u>99</u>	<u>---</u>		<u>W</u>	<u>L</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>16</u>	<u>56</u>	<u>02</u>		<u>P</u>	<u>R</u>	<u>F</u>	<u>S</u>	<u>2</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>17</u>	<u>56</u>	<u>02</u>		<u>T</u>	<u>R</u>	<u>F</u>	<u>S</u>	<u>3</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	
	<u>18</u>	<u>51</u>	<u>---</u>		<u>T</u>	<u>R</u>	<u>A</u>	<u>I</u>	<u>1</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	<u>---</u>	

NOTE: USE ADDITIONAL PAGES IF NECESSARY.

CODES FOR AREAS OF POSSIBLE OCCUPANT CONTACT

FRONT OF PASSENGER COMPARTMENT

- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (12) WINDSHIELD
- (05) INSTRUMENT PANEL (SPECIFIC AREA UNKNOWN)
- (54) UPPER INSTRUMENT PANEL (X)
- (55) MIDDLE INSTRUMENT PANEL (Y)
- (56) LOWER INSTRUMENT PANEL (Z)
- (81) ASH TRAY (INSTRUMENT PANEL)
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- (57) BENEATH INSTRUMENT PANEL
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- (48) KNEE RESTRAINT
- (86) VERTICAL CONSOLE
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- (65) STEERING WHEEL
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- (59) TRANSMISSION LEVER ON COLUMN
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- (82) INSTRUMENT(S)
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- (06) MIRROR
- (04) HEATER OR AIR CONDITIONING DUCTS
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- (08) RADIO (BUILT IN)
- (58) ADD-ON TAPE DECK, RADIO, A/C
- (68) ROOF MOUNTED CONTROLS/CONSOLES

REAR

- (88) SURFACE OF REAR INTERIOR
- (23) REAR WINDOW
- (39) REAR WINDOW HEADER
- (50) REAR SEAT CUSHION & BACK

INTERIOR-GENERAL

- (11) TRANSMISSION SELECTION LEVER (LOCATION UNK.)
- (59) TRANSMISSION LEVER ON STEERING COLUMN
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- (43) CHILD SEAT
- (31) INTERIOR LOOSE OBJECT
- (32) OTHER OCCUPANT(S)
- (52) INTERNAL FLYING GLASS (FROM ANY SOURCE)
- (41) UNKNOWN INTERIOR SURFACE

SIDES

- (20) SURFACE OF SIDE INTERIOR
- (19) HARDWARE ON SIDE OR DOOR
- (13) ARMREST ON SIDE OR DOOR
- (24) COAT HOOK
- (22) WINDOW GLASS (SIDE)
- (21) WINDOW FRAMES (SIDE)
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- (14) A-PILLAR
- (15) B-PILLAR
- (16) C-PILLAR
- (17) D-PILLAR

FLOOR

- (40) FLOOR
- (27) CONSOLE ON FLOOR OR BETWEEN SEATS
- (44) TRANSMISSION LEVER ON FLOOR OR CONSOLE
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- (28) FOOT CONTROLS (INCL. PARKING BRAKE PEDAL)
- (91) KICKPANEL

ROOF

- (25) ROOF OR CONVERTIBLE TOP
- (10) SUNVISOR, FITTING(S) &/OR TOP MOLDING
- (26) ROOF SIDE RAIL
- (24) COAT HOOK
- (18) DOME LIGHT
- (39) BACKLIGHT HEADER
- (68) ROOF MOUNTED CONTROLS/CONSOLE
- (69) ROLL BAR

EXTERIOR SURFACE OF CASE VEHICLE

- (37) OUTSIDE SURFACE OF CASE VEHICLE (SPECIFIC AREA UNKNOWN)
- (35) HOOD OF CASE VEHICLE
- (60) EXTERIOR OF CASE VEHICLE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (62) EXTERIOR SIDE ROOF RAIL OF CASE VEHICLE
- (63) TRUNK LID OF CASE VEHICLE
- (64) TIRES OF CASE VEHICLE

BEYOND CASE VEHICLE BOUNDARY

- (36) AREA EXTERIOR TO CAR (SPECIFIC AREA UNK.)
- (70) HOOD OF OTHER VEHICLE
- (71) OTHER VEHICLE EXTERIOR HARDWARE (E.G. OUTSIDE MIRRORS, ANTENNA, TRIM)
- (73) EXTERIOR SIDE ROOF RAIL OF OTHER VEHICLE
- (74) HEADLIGHT OR FRONT GRILL OF OTHER VEH.
- (75) TRUNK OF OTHER VEHICLE
- (76) OUTSIDE SURFACE OF OTHER VEHICLE
- (77) TIRES OF OTHER VEHICLE
- (78) GROUND
- (79) WATER
- (80) EXTERIOR OBJECT (NOT VEHICLE, GROUND, OR WATER. PLEASE DESCRIBE.)

PENETRATING OBJECTS

- (61) OTHER VEHICLE
- (72) OBJECTS (DESCRIBE)

MISCELLANEOUS

- (00) NO CONTACT (INVALID FIELD FORM CODE)
- (38) OTHER (E.G. FIRE. DESCRIBE) RF OCCUPANTS
- (90) SPARE TIRE OWN LEFT LG
- (96) INDUCED
- (97) EJECTED, UNKNOWN CONTACT
- (98) IMPACT FORCE, "WHIPLASH", HYPEREXTENSION/COMPRESSION
- (99) UNKNOWN AREA OF CONTACT



PN 20700 #2



PN 20700 #3



PN 20700 #4



PN 20700 #5



PN 20700 #6



PN 20700 #7



PN 20700 #8



PN 20700 #9



PN 20700 #10



PN 20700 #11



PN 20700 #12



PN 20700 #13



PN 20700 #14



PN 20700 #15
Best Available



PN 20700 #16
Best Available



PN 20700 #17



PN 20700 #18



PN 20700 #19
Best Available



PN 20700 #20
Best Available



FN 20700 #21
Best Available



PN 20700 #22
Best Available



PN 20700 #23



PN 20700 #24



PN 20700 #25



PN 20700 #26



PN 20700-#27



PN 20700-#28



PN 20700 #29



PN 20700 #30



PN 20700 #31



PN 20700 #32



PN 20700 #33



PN 20700 #34



PN 20700 #35



PN 20700 #36



PN 20700 #37



PN 20700 #38



PN 20700 #39
Best Available



PN 20700 #40
Best Available



PN 20700 #41



PN 20700 #42



PN 20700 #43
Best Available



PN 20700 #44
Best Available



PN 20700 #45
Best Available



PN 20700 #46
Best Available



PN 20700 #47
Best Available



PN 20700 #46
Best Available



PN 20700 #49
Best Available



PN 20700 #50
Best Available



PN 20700 #51
Best Available



PN 20700 #52



PN 20700 #53



PN 20700 #54



PN 20700 #55
Best Available



PN 20700 #56
Best Available



PN 20700 #57



PN 20700 #58



PN 20700 #59



PN 20700 #60



PN 20700 #61



PN 20700 #62



PN 20700 #63



PN 20700 #64



PN 20700 #65
Best Available



PN 20700 #66
Best Available



PN 20700 #67
Best Available



PN 20700 #68
Best Available



PN 20700 #69
Best Available



PN 20700 #70
Best Available



PN 20700 #71
Best Available



PN 20700 #72
Best Available



PN 20700 #73



PN 20700 #74
Best Available



PN 20700 #75



PN 20700 #76



PN 20700 #77



PN 20700 #78



PN 20700 #79



PN 20700 #80



PN 20700 #81



FN 20700 #82
Best Available



PN 20700 #83



PN 20700 #84

1. Identify the patient
2. Identify the condition
3. Identify the cause

1. Identify the patient
2. Identify the condition
3. Identify the cause
4. Identify the effect
5. Identify the treatment



